



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 2] नई दिल्ली, शनिवार, जनवरी 8, 1977 (पौष 18, 1898)
No. 2] NEW DELHI, SATURDAY, JANUARY 8, 1977 (PAUSA 18, 1898)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III--खण्ड 2

PART III--SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 8th January 1976

SPECIAL NOTICE

The following holidays will be observed by the Patent Office, Branch, Madras, during the year 1977.

Name of Festival	Day of the week	Date
1	2	3
Muharram	Saturday	1st January
Pongal	Friday	14th January
Republic Day	Wednesday	26th January
Mahavira Jayanti	Saturday	2nd April
Good Friday	Friday	8th April
Tamil New Year's Day	Wednesday	13th April
Buddha Purnima	Tuesday	3rd May
Independence Day	Monday	15th August
Janmashtami (*)	Tuesday	6th September
Vinayaka Chathurthi	Friday	16th September
Id-ul-Fitr	Friday	16th September
Mahatma Gandhi's Birthday	Sunday	2nd October
Saraswathi Pooja	Thursday	20th October
Diwali	Thursday	10th November
Id-ul-Zuha (Bakrid)	Tuesday	22nd November
Guru Nanak's Birthday	Friday	25th November
Muharram	Wednesday	21st December
Christmas Day	Sunday	25th December

(*)SUBJECT TO CONFIRMATION BY THE GOVERNMENT OF INDIA

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 23rd October 1976, under the heading "COMPLETE SPECIFICATION ACCEPTED":—

(1)

In page 841, column 2, against No. 140342, in claims, line 1 for method of treating.... read A method of treating....

(2)

In page 844, column 2, against No. 140357—
for Clas 39K+M & 40F. I.C.01b 25/22, 25/32
read Class 39K+M & 40 F. I.C.01b 25/22, 25/32

(3)

In page 845, column 2, against No. 140360—
for Inventor : UNILEVER LIMITED
read Inventor : GEOFFREY PHILIP ADAMS.
and

for Appropriate office for Madras Branch.
read Appropriate office for Bombay Branch.

(4)

In page 847 column 2, against No. 140371, in title, line 2—
for REAPING read HEAPING.

(5)

In page 848, column 1, against No. 140373—
For Appropriate office for Calcutta Branch.
read Appropriate office for Bombay Branch.

(6)

In page 849, column 2, against No. 140382—
for Class 32C.+F_a+F_gd. IC.-C07c 69/00 & 60X₂di
read Class 32C+F₃a+F₃d & 60X₂d. I.C.-C07c 69/00.

Under the heading "PRINTED SPECIFICATION PUBLISHED" :—

In page 850, column 2, in Group (6)—

for No. 119597

read No. 109597

(2)

In the Gazette of India, Part III, Section 2 dated the 23rd October, 1976 under heading "Name Index"—

at page 854, Column 1

for Colgate-Palmolive Co. read Colgate-Palmolive Co.

at page 855, Column 2

for Fison Ltd. read Fisons Ltd.

at page 855, Column 2

for Rhone-Poulenc Industries read Rhone-Poulenc Industries.

at page 856, Column 1

for uri, S. (Sm.) read Suri, S. (Sm.)

(3)

In the Gazette of India, Part III, Section 2 dated the 30th October 1976 :

Page 858, column 1, under the heading "Application for Patents filed at the head office in line 3 of the entry in respect of application No. 1775/Cal/76 for No. 1963/Cal/76 read 1963/Cal/75.

(4)

In the Gazette of India, Part III, Section 2, dated the 30th October 1976, under the heading "COMPLETE SPECIFICATION ACCEPTED" :—

(1)

In page 859, column 2, against No. 140388—

for Class 32C & 55E, I.C. C07g 7/026, A23T1/06

read Class 32C & 55L, I.C.-C07g 7/026, A23j 1/06

(2)

In page 860, Column 1, against No. 140390—

for Class 92C & 1972C,

read Class 92C & 172C,

(3)

In page 861, column 1, against No. 140396, in Applicant :—

for MASSACHUSETTS

read MASSACHUSETTS.

(5)

In the Gazette of India, Part III, Section 2, dated the 6th November 1976, under the heading "COMPLETE SPECIFICATION ACCEPTED" :—

(1)

In page 867, column 1, line 1, against No. 140407—

after SILICATE insert SOLUTION

and

In column 2, line 1, delete SOLUTION

(2)

In page 870, column 1, against No. 140421—

after UNITED STATES OF AMERICA

insert Inventor : John Edward Frahz and Hans Leopold Nufer.

(3)

In page 872, column 1, line 1, against No. 140429—

for PERFUFERY read PERFUMERY.

(6)

In the Gazette of India, Part III, Section 2 dated the 6th November 1976 :

Page 873, column 1, under the heading "Opposition proceedings" in line 2 of the entry in respect of application No. 139048, for "Sarangput" read, "Sarangpur".

Page 874, column 1, under the heading "Amendment proceedings under section 57", in line 4 of the entry in respect of Application No. 139567 for "A process for he" read "A process for the".

Page 874, column 2, under the heading "Cancellation of the registration of Designs (Section 51-A)" in line 1, after "An application" insert "has been."

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

The 3rd December 1976

2147/Cal/76. Dosco Overseas Engineering Limited. Cutting chains for mining machines. (December 15, 1975).

2148/Cal/76. Aluminium Company of America. Electrolytic production of metal.

2149/Cal/76. Miles Laboratories, Inc. Device and method for the determination of the specific gravity or osmolality of a liquid.

2150/Cal/76. Smith Kline & French Laboratories Limited. Pharmacologically active compounds. (December 29, 1975).

2151/Cal/76 Texaco Development Corporation. Fluidized catalytic cracking process with improved intermedia cycle gas oil stripping.

2152/Cal/76. Klein, Schanzlin & Becker AG. A device for reducing the cavitation wear of a rotary pump.

2153/Cal/76. Bakerdrill, Inc. Swivel for core drilling [Divisional date April 6, 1974].

2154/Cal/76. Bakerdrill, Inc. Dual concentric drill pipe. [Divisional date April 6, 1974].

2155/Cal/76. Bakerdrill, Inc. Percussive airhammer. [Divisional date April 6, 1974].

2156/Cal/76. Bakerdrill, Inc. An anvil core bit. [Divisional date April 6, 1974].

The 4th December 1976

2157/Cal/76. Sri Promod Ranjan Roy. Device for detecting flammable explosive gases and/or vapours and measuring the concentration thereof in the atmosphere.

2158/Cal/76. Imperial Chemical Industries Limited. Chemical process. (December 5, 1975).

2159/Cal/76. Imperial Chemical Industries Limited. Pharmaceutical compositions. (December 29, 1975).

2160/Cal/76. Pegler-Hattersley Limited. An improved valve. (December 19, 1975).

2161/Cal/76. Inco Europe Limited (formerly known as International Nickel Limited). Electrodeposition of Iron active mass. (December 9, 1975).

2162/Cal/76. Richter Gardeon Vegyeszeti Gyart R. T. Method of and apparatus for fluidization.

2163/Cal/76. Wilshire Cutlery Company Proprietary Limited. Knife sharpener. (December 4, 1975).

The 6th December 1976

2164/Cal/76. Klein, Schanzlin & Becker A.G. Rotor for rotary pumps.

2165/Cal/76. USS Engineers and Consultants, Inc. Mold discharge rack gapping apparatus.

The 7th December 1976

- 2166/Cal/76. Plasto-Iron (India) Private Limited. Process for the manufacture of tubewell strainer or filter.
- 2167/Cal/76. Institut Neorganicheskoi Khimii i Elektrokhimii Akademii Nauk Gruzinskoi SSR. Electrolyzer and a method conducting electrolysis therein.
- 2168/Cal/76. Mallinckrodt, Inc. Particulate flavoring materials and method of producing same.

The 8th December 1976

- 2169/Cal/76. Combustion Engineering, Inc. Slotted band type spacer for high temperature superheater tubes.
- 2170/Cal/76. American Cyanamid Company. 2, 6-Dinitroaniline herbicides.
- 2171/Cal/76. UOP Inc. Method of preparing an extruded catalyst composition.
- 2172/Cal/76. Karrer System AG. Process and apparatus for drying fibrous material. (December 15, 1975).
- 2173/Cal/76. Mundipharma A.G. Stabilized solid form choline salicylate compositions.
- 2174/Cal/76. Starkstrom Schaltgeratefabriken Spindler—Deissler GMBH & Co. KG. Cam switch.
- 2175/Cal/76. Biomagnetics International, Inc. Apparatus and method for exposing seeds to a magnetic field.

APPLICATION FOR PATENTS FILED AT THE
(DELHI BRANCH)

The 1st December 1976

- 44/Del/76. Council of Scientific and Industrial Research. Development of reaction type soldering flux.

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

The 22nd November 1976

- 406/Bom/76. R. K. Kale. Remote indications of switched events on a single channel.

The 24th November 1976

- 407/Bom/76. M. N. Karkhanis. A device for drip irrigation.
- 408/Bom/76. P. S. Sawhney. A technique of fabricating decorative precast concrete panels.
- 409/Bom/76. Ciba-Geigy of India Limited. Process for the manufacture of 2, 5-di-(ω -aminoalkyl-1'-pyrazines.
- 410/Bom/76. J. Varughese. A device for punching and filing papers in a file folder. [Addition to No 676/

The 25th November 1976

- 411/Bom/76. R. V. Rao Bhugwat. New design of domestic chula.
- 412/Bom/76. S. D. Naik. Automatic sprinkler nozzle and method of manufacturing same.

The 26th November 1976

- 413/Bom/76. A. B. Ranade. A float pump.
- 414/Bom/76. B. H. Bachkaniwala. Spindle holder assembly for high speed upwister winding machines used in textile industry.

The 27th November 1976

- 415/Bom/76. Cadbury-L-Fry (India) Private Limited. Degumming of fatty glycerides.

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

The 30th November 1976

- 232/Mad/76. C. P. Muhammad. An improved typing-head for typewriters.

The 4th December 1976

- 233/Mad/76. T. K. Srinivasan. Low pressure steam generator for cooking foods.

ALTERATION OF DATE

141023. } Ante-dated 6th October, 1967.
- 1454/Cal/75. }
141024. } Ante-dated to 6th October, 1967.
- 1455/Cal/75. }
141026. } Ante-dated to 6th October, 1967.
- 1456/Cal/75. }
141026. } Ante-dated 6th October, 1967.
- 1457/Cal/75. }

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the Specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 47B & 88E. 140948.
Int. Cl. C10j

PROCESS FOR THE PRODUCTION OF A REDUCING GAS.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor: JACOBUS ELSO VOGEL.

Application No. 2621/Cal/74 filed November 25, 1974.

Convention date November 26, 1973(54681/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A process for the production of a reducing gas, characterized in that it consists of the following steps:

- (1) generating a gas comprising carbon monoxide, hydrogen, carbon dioxide and steam, and having a temperature in the range from 1100 to 1700°C; a hydrogenation feed and an oxidant are pre-heated separately and then mixed in a combustion chamber, where part of the feed is burned and remainder is thermally cracked by the heat of the combustion

generated in the burning, cracked products being combined with the combustion products to form the final gas mixture;

- (2) generating a gas comprising carbon monoxide and hydrogen and having a temperature in the range from 20 to 80°C. is carried out in a similar way as in the generating step (1), the crude gas obtained in step (2) being purified, by absorption of acid gases in an alkaline reacting solution in order to remove CO₂ and H₂S;

- (3) blending at least part of the gas obtained in step (1) with at least part of the gas obtained in step (2).

CLASS 130-D.

140949.

Int. Cl. C22b; 1/00.

APPARATUS FOR THE PRODUCTION OF METALS BY A SMELTING METALLURGICAL PROCESS.

Applicant : FRIED KRUPP HUTTENWERKE AKTIEN-GESELLSCHAFT, OF 4630 BOCHUM, WEST GERMANY.

Inventor : ING. FRANZ JOSTEN.

Application No. 2723/Cal/74 filed December 11, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Apparatus for the production of metals, especially of steel, by a smelting metallurgical process, having at least one smelting furnace with a hood, characterised in that to the hood is connected a sound deadening cell surrounding the smelting furnace (1) and preferably tap ladle (6) and slag bucket (7) said cell being provided with doors (8a, 8b, 11) closable when charging, and in that to each smelting furnace (1) is assigned a crane runway (3, 3a) having a charging crane (4) running in the tapping direction, said crane runway running within the cell (2) in the smelting furnace region.

CLASS 129J.

140950.

Int. Cl. B21b; 1/26, 1/28.

ROD ROLLING.

Applicant : COPPER REFINERIES PTY LTD., OF TOWNSVILLE, QUEENSLAND, COMMONWEALTH OF AUSTRALIA.

Inventor : RAYMOND OLIVER SAYER.

Application No. 2729/Cal/74 filed December, 12, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A method of reduction rolling of metal rod from stock initially constituted by a starting element of relatively large transverse cross-sectional area, said method comprising :—

- (a) sending said stock longitudinally through a sequential series of roll-stands including at least one roll-stand comprising two parallel, cylindrical, grooveless rolls and an entry guide able to support said stock as it arrives at said rolls;

- (b) shaping said stock prior to its arrival at said entry guide so that it has a transverse cross-sectional profile having a minor axis being the least dimension of the profile, and a major axis substantially at right angles to said minor axis, said major axis being from one and one half to two and one half times longer than said minor axis;

- (c) presenting said stock to said grooveless rolls by way of said entry guide so that on the upstream side of said rolls the said minor axis is substantially parallel to the work surfaces of said rolls; and,

- (d) spacing said rolls apart to an extent such that the transverse cross-sectional area of the downstream stock departing from said rolls is less than that of the upstream stock approaching said rolls and such that the lateral dimension of

said departing stock parallel to said upstream minor axis is from one and one half to two and one half times longer than the lateral dimension of said departing stock parallel to said upstream major axis.

CLASS 165A.

140951.

Int. Cl. D05b; 27/00.

IMPROVEMENTS RELATING TO SEWING AID DEVICE.

Applicant : JAKOB PFUHL, KATHARINA PFUHL, INGRID PFUHL AND KATE MODELS PTY. LIMITED, OF 50 MATTHEWS STREET, PUNCHBOWL, IN THE STATE OF NEW SOUTH WALES, COMMONWEALTH OF AUSTRALIA.

Inventors : JAKOB PFUHL.

Application No. 329/Cal/75 filed February 20, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A sewing aid device comprising frame means adapted to hold together in fixed relative position items to be stitched together, and provided with guide means adapted to engage with cooperating guide means on a sewing machine in such manner as to permit automatic guiding of the sewing mechanism of the sewing machine along the guide means on the frame.

CLASS 64B.

140952.

Int. Cl. H01r 9/00.

A CLAMPING DEVICE FOR CLAMPING AT LEAST ONE ELECTRICAL CONNECTOR.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor : WERNER HARBAUER.

Application No. 490/Cal/75 filed March 13, 1975.

Addition to No. 1985/Cal/73.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims

Improvement in or modification of the clamping device as claimed in parent Specification No. 137788 and a clamping member supported rotatably about an axis by a support, there being at least one conductor introduction channel defined externally of the clamping member and extending parallel to the axial direction thereof, wherein the clamping member comprises two flanges spaced apart in the axial direction of the clamping member and have clamping edges which are arranged eccentrically with respect to said axis.

CLASS 131B.

140953.

Int. Cl. E21b 3/00.

METHOD OF OPENING CARBON-BEARING BEDS WITH PRODUCTION WELLS FOR UNDERGROUND GASIFICATION.

Applicant : VSESOJUZYNY NAUCHNO-ISSLEDOVATELSKY INSTITUT ISPOLZOVANIA GAZA V NARODNOM KHOZYAISTVE, PODZEMNOGO KHRANENIA NEFTI, NEFTEP-RODUKTOVISZHIZHENNYKH GAZOV "VNIPROMGA I." OF B. SERPUKHOVSKAYA ULITS, 10, MOSCOW, USSR.

Inventors : EFIM LVOVICH LOKSHIN, ALFEI FEDOROVICH VOLK AND ANATOLY ANTONOVICH STARINSKY.

Application No. 802/Cal/75 filed April 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A method of opening carbon-bearing beds with production wells for underground gasification which includes the drilling of a production well until the top of a bed is opened up, ceasing the drilling on entering the upper portion of the bed, determining the depths of both the top and bottom of the bed, resuming the drilling so as to leave a pillar at a depth whereat the communication between the adjacent wells is assured by means of a fluid through the body of the bed, fitting a string of casing in the well and then the drilling of the pillar left between the shoe of casing pipe string and the bottom of the bed.

CLASS 32F, & F.3

140954.

Int. Cl.-C07d; 49/30.

A PROCESS FOR THE PREPARATION OF [1-IMIDAZOLYL-(1)]-[1-(4'-(4''-CHLOROPHENYL) PHENOXY)-3, 3-DIMETHYL-BUTAN-2-ONE AND ITS SALTS.

Applicant : BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

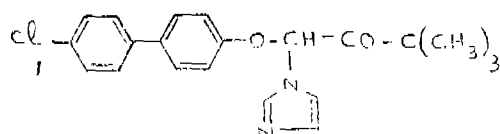
Inventors : (1) WOLFGANG KRAMER, (2) KARL HEINZ BUCHEL, & MANFRED-PLEMPHEL.

Application No. 1023/Cal/75 filed May 21, 1975.

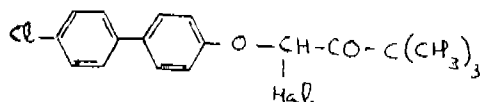
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for the preparation of [1-imidazolyl-(1) 7-[1-(4'-(4''-chlorophenyl)-phenoxy]-3, 3-dimethyl-butan-2-one of the formula I.



or a salt thereof, comprising reacting a compound of the formula II.



in which Hal represents a halogen atom with imidazole in the presence of an acid-binding agent and, if desired, treating the resulting base with an acid to convert it into a salt.

CLASS 127-I.

140955.

Int. Cl. F16c 11/06, F16d 3/16.

A CUP-SHAPED BALL JOINT HOUSING.

Applicant : A KHRENREICH & CIE., OF HANSAALLEE 190, D-400, DUSSELDORF-OBERRASSEL, WEST GERMANY.

Inventor : DIPL-ING MANFRED BELSDORF.

Application No. 1090/Cal/75 filed May 30, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A cup-shaped ball joint housing which is formed in such a way that its open edge is deformable around the ball head without a cover and thus constitutes an aperture for the journal to pass out of the housing, so characterised that the free edge of the housing is provided with a cylindrical prolongation having a small wall thickness over the necessary length for the closure of the housing which after deformation of the housing edge effected in a known manner forms an outward opening collar.

CLASS 79A & E.

140956.

Int. Cl.-B67b 3/00.

PLASTIC CAP FOR CLOSING BOTTLES CONTAINING AERATED LIQUIDS.

Applicant : SO "BESALKOHOJNI NAPITKI I MINERALNI VODI", 220 BOUL SLIVNITZA, SOFIA BULGARIA

Inventors : ENG. YORDAN VASSILVE PIRGOV, DIMITER YORDANOV PENKIN AND MARGARITAILIEVA PIRGOVA.

Application No. 1152/Cal/75 filed June 11, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A plastic cap for closing bottles containing aerated liquids, consisting of two cylinders, disposed concentrically one into the other, the outer cylinder having a sealing ring with a sealing edge shaped in its bottom part, and an inner cylinder, closed in its bottom end with a membrane, which are connected in their upper ends by means of a ring, wherein the bottom surface of the membrane of the inner cylinder, onto which there is shaped a step and the outer and inner part is bevelled, and the sealing ring are in one plane, over which there is plane in which there are the sealing edge and the upper surface of the membrane.

CLASS 85R.

140957.

Int. Cl.-C21b 9/00, 9/06.

BLAST STOVES FOR BLAST FURNACES.

Applicant : DIDIER WERKE A.G., OF 62, WIESBADEN, LESSINGSTR. 16, WEST GERMANY.

Inventors : HELMUT PALE, RUDOLF HEBEL AND OTTO BAUERSACHS.

Application No. 1843/Cal/75 filed September 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Blast stoves for blast furnaces made of a cylindrical metallic shell, which changes over to a metallic dome of larger diameter through the intermediary of a funnel shaped extension, the refractory lining of the dome being constructed independent of the refractory lining of the shell, the latter encircling the combustion chamber and the checker chamber, characterised thereby that in the funnel shaped extension of the stove shell, a ring shaped bracket is fixed on the inner surface of the shell plate, the said bracket encircling the stove lining and having a platform which takes the load of the dome refractory lining.

CLASS 85Q.

140958.

Int. Cl. F27b 7/20.

140958.

A COLLAR FOR A ROTARY KILN.

Applicant & Inventor : PRATHIVATHI BAYANKAR DORAISWAMI, OF 2/11, SHANTI NIKETAN, NEW DELHI-110021, INDIA.

Application No. 380/Cal/76 filed March 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A cooler for use with a rotary kiln comprising a housing, an annular grate for supporting the clinker to be cooled, a drive means for imparting a rotational movement to said grate disposed within said housing, and adapted to support the clinker from an inlet zone to a discharge zone of said housing, and means provided for introduction of air within said housing.

CLASS 40B.

140959.

Int. Cl.-B01j 11/06, 11/08.

METHOD OF MANUFACTURING A CATALYST FOR ISOMERIZATION OF HYDROCARBONS.

Applicant : UOP INC., FORMERLY KNOWN AS UNIVERSAL OIL PRODUCTS COMPANY, AT TEN UOP PLAZA—ALGONQUIN AND MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventors : DALIA GERMANAS AND ERNEST LEO POLITZER.

Application No. 2188/Cal/73 filed September 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims, No drawings.

A method of manufacturing a catalyst for the isomerization of hydrocarbons which method comprises treating an alumina composite containing about 0.1 to 5wt % platinum group metal such as herein described with a Friedel Crafts metal halide and then with a polyhalo compound such as herein described selected from the group consisting of compounds containing at least two halogen atoms on the same carbon or sulfur atom such as herein described, said polyhalo compound treatment being in a non-reducing atmosphere at a temperature of about 100° to 600°.

CLASS 55F & 182B.

140960.

Int. Cl.-C12d 13/10, C13k 9/00.

METHOD OF CONVERTING D-GLUCOSE, TO D-FRUCTOSE.

Applicant : ANHEUSER-BUSCH, INCORPORATED, OF 721, PESTALOZZI STREET, ST. LOUIS MISSOURI, UNITED STATES OF AMERICA.

Inventors : KENNETH KUANG-ZEN SHIEH, HOWARD AUGUSTUS LEE AND BRENDAN JAMES DONNELLY.

Application No. 2287/Cal/73 filed October 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims No drawings

A process for converting D-glucose to D-fructose, characterized by treating D-glucose with an isomerase produced by growing a micro-organism belonging to the genus *Actinoplanes* in a culture medium and recovering the glucose isomerizing enzyme therefrom.

CLASS 40F.

140961.

Int. Cl.-B01d 1/22.

A PROCESS & APPARATUS FOR CONCENTRATING DILUTE SOLUTION OF CORROSIVE PRODUCTS, SUCH AS ACIDS BY HEATING.

Applicant : SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS, ANTAR PETROLES DE L' ATLANTIQUE AND ANTARGAZ, OF 12 QUAI HENRI IV, 75181, PARIS CEDEX 04, FRANCE, 4, RUE LEON JOST, 75017, PARIS, FRANCE AND 20, RUE DE WASHINGTON, 75008, PARIS, FRANCE.

Inventors : RAT ROGER, SAINT MEDARD EN JALLES, POLLOZEC FRANCOIS AND PATOUILLET JEAN.

Application No. 2732/Cal/73 filed December 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for concentrating a dilute solution of a corrosive product by heating, which includes preconcentrating the dilute

solution characterised in that the pre-concentrated solution is introduced into a tunnel in which it flows in a thin layer over successive cascades while being heated in order to obtain the desired final degree of concentration by burning a gas mixture inside a material with a high radiating power located in the vicinity of the tunnel.

CLASS 25E.

140962.

Int. C.-B28b 1/00.

APPARATUS FOR MANUFACTURING CERAMICALLY BONDED SHAPED BODIES FROM GRANULES OF EXPANDABLE MINERAL MATERIAL.

Applicant : ZYTAN THERMOCHEMISCHE VERFAHRENSTECHNIK GMBH & CO., KG., OF RITTERBRUNNEN, 6, 33 BRAUNSCHWEIG, FEDERAL REPUBLIC OF GERMANY.

Inventor : DR.-ING. KARL BRIEM.

Application No. 132/Cal/74 filed January 18, 1974.

Convention date January 23, 1973/(3442/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Apparatus for the production of shaped ceramic bodies by expansion and bonding of a granular expandable mineral material, comprising a treatment chamber, means for passing hot gases through the treatment chamber and over material to be treated carried by a form box as herein defined supported in the treatment chamber, and regenerator means to which the hot gases are fed after having been passed over the material to be treated in the treatment chamber, the regenerator means including a heat exchanger employing a circulating heat retaining mass, and having a blower for producing the flow of hot gases through the treatment chamber.

CLASS 25E.

140963.

Int. Cl.-B28b 1/00.

APPARATUS FOR MANUFACTURING CERAMICALLY BONDED SHAPED BODIES FROM GRANULATES OF EXPANDABLE MINERAL MATERIAL.

Applicant : ZYTAN THERMOCHEMISCHE VERFAHRENSTECHNIK GMBH & CO. KG., OF RITTERBRUNNEN 6, 33 BRAUNSCHWEIG, FEDERAL REPUBLIC OF GERMANY.

Inventor : ERICH SUNDERMANN.

Application No. 133/Cal/74 filed January 18, 1974.

Convention date January 23, 1973/(3441/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Apparatus for the production of shaped ceramic bodies by expansion and bonding of a granular expandable mineral material, comprising a treatment chamber, means for generating hot gases and for passing them through the treatment chamber, means for supporting the expandable mineral in the treatment chamber, said means comprising a form box as herein defined having an outer frame part supportable in grooves in the inside wall of the treatment chamber, and a heat shield for shielding the outer frame part from the heat of the interior of the treatment chamber.

CLASS 40F.

140964.

Int. Cl.-B67d 5/12.

AN INJECTOR TYPE LIQUID COOLING SYSTEM.

Applicant : BALTIMORE AIRCOIL COMPANY, INC.,
OF MONTEVIDEO ROAD JESSUP, MARYLAND, UNITED
STATES OF AMERICA.

Inventors : JOHN ENGALITCHEFF, JR., WILSON ELI
BRADLEY, JR. AND EDWARD NORMAN SCHINNER.

Application No. 698/Cal/74 filed March 28, 1974.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

An injector type liquid cooling system comprising an air conduit open at both ends to the atmosphere, a plurality of liquid spray nozzles positioned near the air inlet end of the conduit and distributed over its cross section, said nozzles being oriented to direct liquid sprays toward the air outlet end of said conduit, air flow stabilizing means comprising a plurality of parallel strips distributed over the cross section near said air inlet end upstream of said spray nozzles, liquid-air separator means positioned in said conduit near its air outlet end, said liquid air separator means comprising a plurality of strips distributed across the conduit cross section and arranged side by side therein in an upright attitude, said strips being corrugated and arranged to intercept liquid from the fluids flowing through said conduit and to cause said liquid to flow down toward its lower ends, said strips further being arranged in upper and lower banks, a liquid collection tray positioned along the bottom of each bank and means directing the liquid collected in the different trays into a common sump.

CLASS 90-I.

140965.

Int. Cl.-C03c 3/10.

METHOD OF PREPARING A BATCH FOR PRODUCING LIME GLASS.

Applicant : N. V. PHILIPS' GLOEILAMPENFABRIEK, AT EMMASINGEL 29, EINDHOVEN, NETHERLANDS.

Inventor : MATHIJS MARIA HENDRIKUS HOUBEN.

Application No. 833/Cal/74 filed April 11, 1974.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

1 Claim. No drawings.

Method of preparing a glass batch comprising quartzsand, felspar and other glass-forming ingredients for producing glass which has a composition, expressed in percent by weight, within the following ranges :

SiO ₂	65—85
Al ₂ O ₃	0—3
Na ₂ O	10—2
K ₂ O	0—2
B ₂ O ₃	0—1
CaO	5—15
MgO	0—5
BaO	0—5
Sb ₂ O ₃	0—1.5
SO ₂	0—1

characterized in that the quartzsand has a particle size of at most 150/um and the felspars have particle sizes of at most 100/um.

CLASS 63B.

140966.

Int. Cl.-H01f 1/00, 3/00, H02k 1/02, 1/06.

IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF MEDIUM WAVE MAGNETIC CUP AND DRUM CORES FOR RADIO FREQUENCY USE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Inventors : DR. GIAN CHAND JAIN, MR. CALICUT VENKANTESWAR GANAPATHY, MR. GOVINDASWAMY IYER GOVINDASWAMY, DR. BIJOY KISHORE DAS, MR. HARMANENDER SINGH KALSI, MR. THOITUPURA RAMANKUTTY PUSHPANGANDAN, MR. SUBHAS CHANDRA, MR. SATISH CHANDER GUPTA, MR. SANTHOKH SINGH HANSPAL, MR. THOMAS PODIKUNJU AND MR. RADHEY SHAM KHANDUJA.

Application No. 877/Cal/74 filed April 18, 1974.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for the manufacture of medium wave magnetic cup and drum cores for radio frequency use by mixing raw materials mainly oxides of iron, nickel and zinc, presintering between 1000-1200°C for 2-4 hours, grinding, e.g. by ball milling to submicron size, mixing plastic binders like PVA or polystyrene to the milled powder and then injection moulding, extruding or pressing it in a die, drying the formed part, and sintering the part, and finishing the part to the required dimensions by grinding and thread cutting characterised in that copper oxide is added to the mix in the following proportion of the ingredients :

Fe ₂ O ₃	—71±2 Wt. %
NiO	—10±1 Wt. %
ZnO	—17±2 Wt. %
CuO	—2±0.5 Wt. %

CLASS 33A.

140967.

Int. Cl.-B22d 23/00.

FACILITIES OF CASTING MOLTEN METAL AND PROCESSING THE CAST METAL.

Applicant : NIPPON KOKAN KABUSHIKI KAISHA, OF NO. 1-3, 1-CHOME, OOTEMACHI ? CHIYODA-KU, TOKYO, JAPAN.

Inventors : MORIO HARADA, TOSHIO KAMATANI, SYUJI DAIKU, KAZUMI OTA, AND HIROAKI SHIMOMURA.

Application No. 1125/Cal/74 filed May 22, 1974.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Means for casting molten metal including a vessel for receiving molten metal arranging a skimmer for separating metal-slag, a discharging port of said slag and a chute for casting said metal, characterized in that the end of said chute is divided into two branches, two lines of casting molds are arranged corresponding to said branches respectively and, at the same time, meansmaking inclinable said vessel up or down and right or left are set up thereto.

CLASS 141D.

140968.

Int. Cl.-C22b 23/04.

PROCESS FOR TREATING HIGH MAGNESIUM NICKELIFEROUS LATERITES AND GARNIERITES.

Applicant : SHERRITT GORDON MINES LIMITED, OF 2800 COMMERCE COURT WEST, TORONTO, ONTARIO, CANADA.

Inventors : VERNER BLAKEY SEFTON, DAVID JOHN IVOR EVANS AND DONALD ROBERT WEIR.

Application No. 1408/Cal/74 filed June 25, 1974.

Convention date July 11, 1973/(176,157/73) CANADA.

Appropriate office for opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

In a process for extraction and dissolution of nickel values from nickeliferous lateritic and garnieritic ore particles containing in excess of about 5% magnesium by weight in which said particles are treated in contact with reducing agents to reduce nickel values therein to metallic form and the reduced particles are quenched in an aqueous ammoniacal ammonium carbonate solution then are leached with another aqueous ammoniacal solution in the presence of free oxygen to extract

nickel values and dissolve them in the leach solution, the improvement which comprises the step of subjecting said particles, before or after leaching in said other solution, to rubbing contact with each other or with grinding media in order to rub off an outer layer therefrom and to expose surfaces beneath said layer whereby the proportion of nickel extracted in the leaching operation is substantially increased.

CLASS 70A & B.

140969.

Int. Cl. B01k 3/02.

BIPOLAR ELECTROLYSIS ELECTRODES WITH INCORPORATED FRAMES.

Applicant: RHONE-PROGIL S.A., OF 25 QUAI PAUL DOUMER, 92408 COURBEVOLE, FRANCE.

Inventors: HUBERTS DE LACHAUX PIERRE BOUY AND MICHEL CONAN.

Application No. 1501/Cal/74 filed July 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A bipolar electrolysis electrode comprising a electrode frame which is integrated with a base plate, said plate serving as a reference plane, and, parallel with said plane and on opposite sides thereof cathodic and anodic portions supported and spaced from the base plate and maintained in space parallel relationship by a plurality of electrical current conductors extending from the base plate.

CLASS 32F₂b & 60X₂d.

140970.

Int. Cl. C07c; 125/06.

PROCESS FOR THE PREPARATION OF 3-PYRIDYL-METHYL CARBAMATES.

Applicant: ROHM AND HAAS COMPANY, OF INDEPENDENCE MALL WEST, PHILADELPHIA, UNITED STATES OF AMERICA.

Inventor: EDWARD ESSEX KILBOURN.

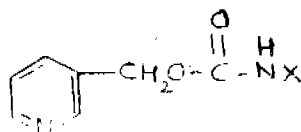
Application No. 2367/Cal/74 filed October 30, 1974.

Convention date December 5, 1973 (56308/73) U.K.

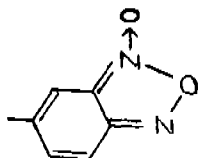
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

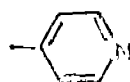
A process for the preparation of 3-pyridylmethyl carbamates of the Formula I.



wherein X is a compound of Formula II or III.



(II)



(III)

wherein 3-pyridyl carbinol is reacted with an isocyanate of the formula X-NCO, X being as above defined; or an obvious chemical equivalent thereof.

CLASS 107K.

140971.

Int. Cl.-F01l 3/00.

IMPROVEMENTS IN OR RELATING TO A COOLED EXHAUST VALVE FOR AN INTERNAL COMBUSTION ENGINE.

Applicant: SOCIETE D'ETUDES DE MACHINES THERMIQUES, OF 2, QUAI DE SEINE, 93202 SAINT-DENIS, FRANCE.

Inventor: BENGET YSBERG.

Application No. 97/Cal/74 filed January 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Exhaust valve for an internal combustion engine, of the type cooled by circulation of a cooling fluid in internal channels on the valve rod and in an internal chamber of the valve head, characterized in that the valve rod comprises, on a portion of its cylindrical surface in proximity to the valve head and in particular in the region where the temperature of the external surface of the valve rod during operation corresponds substantially to the temperature of at least partial condensation or dew point of the gaseous medium surrounding the valve rod, a protecting coating based on a metal alloy withstanding chemical corrosion and so arranged as to form a smooth cylindrical surface preferably without apparent discontinuity with the portion of the valve rod connecting it to the valve head.

CLASS 55E₂ & 60X₂b.

140972.

Int. Cl.-A61k 27/00.

PROCESS FOR PRODUCING A SLIMMING HEALTH PRODUCT.

Applicant & Inventor: MICHAEL FRANCIS SHEEHAN, AND JEAN SCHOOF, BOTH OF 3, SQUARE MICHELET, MARSEILLE 9, FRANCE.

Application No. 469/Cal/75 filed March 11, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A process for producing a slimming lotion for local application, characterised in that the composition comprising 48.00 parts ethyl alcohol, 37.70 parts distilled water, 2.00 parts camphor and 1.00 part menthol as cooling agents 2 parts or perfume essence and 0.50 part potassium iodide, 3.20 parts sodium chloride, and 5.60 parts calcium chloride as retarding agent forming a screen preventing the absorption of active agents through the skin pores, the said ingredient being dissolved in cold alcohol/water solution then heated on a water bath to obtain perfect homogeneity without over heating, and when applied, thereby producing a controlled prolonged cooling in order to accelerate cellular vibration by activation of the circulation of blood for the fatty cells to draw more oxygen from the arterial capillary blood vessels and release more carbon dioxide gas to the venous capillary blood vessels thus causing melting off the fatty cells.

CLASS 32E & 136F.

140973.

Int. Cl.-C08f 29/02.

POLYPROPYLENE MOLDING COMPOSITION AND PROCESS FOR ITS PREPARATION.

Applicant: HOECHST AKTIENGESellschaft, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors: HELMUT STRAMETZ, HANS JOACHIM LEUGERING, KURT RUST AND MANFRED ENGELMANN.

Application No. 666/Cal/75 filed April 2, 1975.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A process for preparing a polypropylene moulding composition consisting of from

70 to 90% by weight of a polypropylene,

2 to 10% by weight of an ethylene propylene copolymer and of from

8 to 25% by weight of a polyethylene

by successively polymerizing propylene and ethylene, which comprises

(a) preparing a polypropylene having a melt index 230/5 of from 5 to 80 g/10 minutes in a first step by polymerizing propylene at a pressure from 0.5 to 40 kg/cm² and a temperature of from 40 to 110°C, in the presence of a highly specific catalyst system and of from 0.1 to 20% by volume of hydrogen calculated on the quantity of the propylene,

(b) starting the introduction of ethylene in a second step at a propylene partial pressure of less than 0.5 kg/cm² and forming an ethylene propylene copolymer at a pressure of from 0.5 to 40 kg/cm² and a temperature of from 40 to 110°C and

(c) preparing a polyethylene in a third step at a propylene partial pressure of less than 0.001 kg/cm² and a total pressure of from 0.5 to 40 kg/cm², a temperature of from 40 to 110°C in the presence of from 1 to 50% by volume of hydrogen.

CLASS 32F₁ & F₂ a & F₂a & 60X₁.

140974

Int. Cl.- C07f; 11/00.

A PROCESS FOR THE PREPARATION OF ORGANO-PHOSPHORUS PESTICIDES.

Applicant : ROHM AND HASS COMPANY, OF INDEPENDENCE MALL WEST PHILADELPHIA, UNITED STATES OF AMERICA.

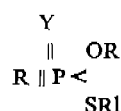
Inventor : WILLIAM STUART HURT.

Application No. 1200/Cal/75 filed June 17, 1975.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

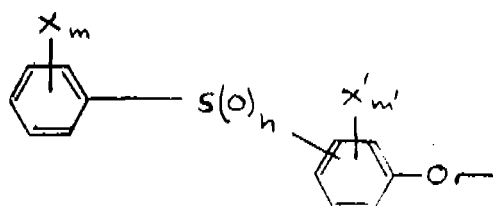
15 Claims.

A method for the preparation of a novel compound of the formula : shown in Fig. 1.



wherein Y is oxygen or sulfur; R is (C₁-C₄) alkyl;

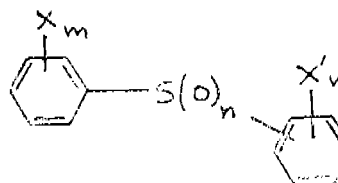
R' is (C₂-C₆) alkyl; and R'' is a group of the formula shown in Fig. 2.



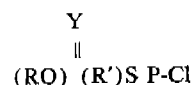
2-407GI/76

Wherein X is halogen, nitro, trifluoromethyl or (C₁-C₆) alkoxy (the X substituent being different when m is above 1);

X' is halogen, trifluoromethyl, (C₁-C₆) alkoxy, (the X' substituents being the same when m' is above 1); m and m' are both zero or integers from 1 to 3; n is an integer of 1 or 2, said method involving an appropriate compound of the formula :



with an appropriate compound of the



where, in the above formulae, X, X', m, m' are as defined above and Z' is hydrogen or metal.

CLASS 32F₂a & F₂c.

Int. Cl.- C07c 119/04.

PROCESS FOR THE PRODUCTION OF NITRATES.

Applicant : ATLANTIC RICHFIELD, 515 S. FLOWER STREET, LOS ANGELES, CALIFORNIA, UNITED STATES OF AMERICA.

Inventors : RUDOLPH ROSENTHAL, GEORGE ZAJACEK, (3) JAMES THOMAS.

Application No. 1220/Cal/75, filed July 1, 1975.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A method for the production of isocyanate esters of carbamic acids by thermally decomposing said ester is dissolved in an inert reaction medium to produce the isocyanate and corresponding alcohol as overhead product and a carrier agent such as herein defined recovering the isocyanate and alcohol as a bottom product leaving inert reaction medium containing isocyanate and urethane values and by-product residue as bottoms, when the reaction medium solvent is recovered together with the urethane values contained therein by distillation and the isocyanate/urethane values are recovered from the reactor bottoms at temperatures in the range of 350°C. with an inter stripping agent such as water, inert gases and mixtures of solvents.

CLASS 84A & 88D & 88E.

Int. Cl.-C01b; 21/14.

A PROCESS FOR THE PREPARATION OF SYNTHETIC GAS.

Applicant : SHELL INTERNATIONAL CHEMICAL COMPANY B. V. OF CARETAKERS, THE HAGUE, THE NETHERLANDS.

Inventors : GODFRIED JOHAN VAN DER KAM, PIETER JOHANNES HALBMEYER.

Application No. 1783/Cal/75 filed July 1, 1975.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

16 Claims. No drawings.

A process for the preparation of synthesis gas by partial combustion of coal during which process tar is formed and separated from the gas, characterized in that at least part of the tar is gasified by partial combustion, with formation of soot, the soot is separated from the gas and at least part of the soot is partially combusted together with the coal.

CLASS 155B & 155F.

140977.

Int. Cl.-D06m; 13/00.

A PROCESS FOR TREATING TEXTILE MATERIALS TO IMPART DURABLE PRESS PROPERTIES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors : VASANT BHIM RAO CHIPALKATTI, (2) NARAYAN BALVANTRAO SATTUR, IFTIKHAR HUSAIN AND ROMESH CHANDER GUPTA.

Application No. 2121/Cal/75 filed November 6, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A process for the treatment of textile materials to impart durable press properties by treating the textile materials with n-methylol type resins/s, softeners, wetting agent and catalyst having an admixture of glycerol and boric acid as a component and heat treating the so treated textile materials to about its natural moisture content, and if desired continuing the heat treatment immediately after or after substantial interval of time at temperatures in the range of 60 and 180°C to obtain complete reaction, characterised in that the catalyst consists of an admixture of glycerol and boric acid in conjunction with a latent acid catalyst such as magnesium chloride hexahydrate, zinc nitrate hexahydrate, zinc chloride or zinc acetate hexahydrate.

CLASS 32E & 123.

140978.

Int. Cl.-C05d 9/02.

PROCESS FOR THE PREPARATION OF UREA-FORMALDEHYDE CONDENSATES TO BE USED AS FERTILIZERS.

Applicant : SOCIETA ITALIANA RESINE S.R.L., S.P.A. OF 33, VIA GRAZIOLI, MILAN, ITALY.

Inventors : SILVIO VARGIU, GIORGIO MAZZOLENI AND SILVESTRO PEZZOLI.

Application No. 2122/Cal/75 filed November 6, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

Process for the preparation of fertilizers with a slow and controlled release of nitrogen, consisting of condensates of urea with formaldehyde, having values of IA, Win and HWin (as hereinbefore defined) ranging from 48 to 58, from 20 to 24 and from 10 to 12 respectively, characterized

(a) by bringing into contact formaldehyde, urea and methanol in an aqueous reaction medium with a formaldehyde/urea molar ratio ranging from 2.0 : 1 to 2.5 : 1 and with an amount of methanol ranging from 4 to 10 moles for each 100 moles of formaldehyde and by condensing the mixture in a first condensation stage, at a pH of the aqueous reaction medium ranging from 8 to 9.5 and at a temperature of 60 to 98°C, until a product having a viscosity from 15 to 30 sec., as measured at 25°C in a Ford cup No. 4 is obtained;

(b) by adding formic acid to the product obtained in (a) and by condensing the resulting aqueous mixture in a second condensation stage, at a pH ranging from 4.0 to 5.0

and a temperature ranging from 60 to 98°C, until a product with a viscosity ranging from 35 to 45 sec., as measured at 25°C in a Ford cup No. 4 is obtained;

(c) by neutralizing the product obtained in (b) up to a pH ranging from 6.8 to 7.5;

(d) by adding urea to the product obtained in (c) up to a formaldehyde/urea molar ratio ranging from 0.6 : 1 to 0.75 : 1 and by condensing the resulting aqueous mixture in a third condensation stage at a pH ranging from 5.7 to 6.8 and at a temperature, ranging from 60 to 98°C, until a product with a viscosity ranging from 45 to 50 sec., as measured at 25°C in a Ford cup No. 4 obtained.

(e) by heating the product obtained in (d) at a temperature ranging from 200 to 400°C for a time ranging from 0.5 to 5 minutes and by recovering the resulting solid fertilizer.

CLASS 32C & 83A.

140979.

Int. Cl.-A23j 3/00 & 1/14, C07g 7/00.

SEPARATION OF PROTEIN FROM VEGETABLE SOURCES.

Applicant : GRAIN PROCESSING CORPORATION, OF MUSCATINE, IOWA, UNITED STATES OF AMERICA.

Inventor : ALPHA LESLIE MOREHOUSE AND RONALD CARL MALZAHN.

Application No. 2405/Cal/75 filed December 27, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for separating protein from a vegetable protein source material such as herein described which comprises washing a vegetable protein source material with water maintained at a pH of minimum protein solubility, subjecting the washed vegetable protein source material to digestion (such as herein described) in water at a pH of from 2 to 6 in the presence of acid phytase, and separating a liquid extract containing soluble protein from the insoluble digestion residue.

CLASS 32F.c.

140980.

Int. Cl.-C07c 103/18.

PREPARATION OF $\Sigma(\gamma\text{-GLUTAMYL})\text{-LYSINE}$.

Applicant : NESTLE'S PRODUCTS LIMITED, NESTLE HOUSE, COLLINS AVENUE, NASSAU, BAHAMAS.

Inventors : PAUL ANDRE FINOT, PIERRE HIRSBRUNNER AND RAYMOND BERTHOLET.

Application No. 174/Cal/76 filed January 31, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A process for the preparation of $\Sigma(\gamma\text{-glutamyl})\text{-lysine}$ which comprises heating lysine glutamate for at least 5 hours at a temperature of at least 120°C by means of an inert heat-carrier fluid, and isolating $\Sigma(\gamma\text{-glutamyl})\text{-lysine}$ from the conversion product thus obtained.

CLASS 27B & E & O.

140981.

Int. Cl.-E04b 1/00.

A PREFABRICATED BUILDING ASSEMBLY USING MEMBERS OF HARDENED POLYESTER OUTER SKINS AND INTERIORS OF ROAMED POLYURETHANE.

Applicant : AUTOMATED CONSTRUCTION INDUSTRIES, INC., OF 1635, SOUTH 43RD AVENUE, PHOENIX, ARIZONA 85005, U.S.A.

Inventor : JOHN LORIN BOURDO.

Application No. 1182/Cal/73 filed May 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A prefabricated building assembly, comprising: a roof assembly made with at least one roof panel having an inner core of rigid synthetic polymer foam and an outer skin of hardened synthetic polymer which is formed as a continuous coating of substantially uniform thickness which completely encases the core and the roof assembly has a first major surface which is an exterior surface and a second major surface which is an interior surface, and the interior surface carries at least one wall mounting zone; a wall assembly made with at least one wall panel having an inner core of rigid synthetic polymer foam and an outer skin of hardened synthetic polymer which is formed as a continuous coating of substantially uniform thickness which completely encases the core, and the wall assembly has an upper mounting zone and the roof assembly is connected to the wall assembly by the upper mounting zone of the wall assembly being adhesively secured to the wall mounting zone on the interior surface of the roof assembly.

CLASS 27-O. 140982.

Int. Cl.- E04b 2/00.

METHOD FOR THE FABRICATION OF STRUCTURAL MEMBERS.

Applicant : AUTOMATED CONSTRUCTION INDUSTRIES, INC., OF 1635, SOUTH 43RD AVENUE, PHOENIX, ARIZONA 85005, U.S.A.

Inventor : JOHN LORIN BOURDO

Application No. 1183/Cal/73 filed May 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A method of fabricating structural members having opposed major surfaces and formed of a rigid polyurethane foamed core and a skin of a cured, hardened unsaturated polyester completely encasing said core as a continuous layer, which method comprises: providing a coating on all inner surfaces of a mould of a hardenable unsaturated polyester for forming the skin of the structural member, at least partially curing said polyester and then introducing into the mould materials which react exothermically within the mould to form a rigid polyurethane foam filling said mould and bonded with the coating on the mould, said mould including a first mould part and a second mould part, each of said mould parts having a respective major surface, the coating being furnished on all inner surfaces of each of the mould parts while the major surface of each mould part is positioned substantially horizontally, and, after the coating is so furnished, the first mould part is connected with the second mould part to form a mould cavity having the coating positioned on the total boundary of the mould cavity.

CLASS 128G & K. 140983.

Int. Cl.-C21k 1/00.

APPARATUS FOR GUIDING A LASER BEAM.

Applicant & Inventor : UZI SHARON OF 12 EFTER STREET, RAMAT-AVIV, ISRAEL.

Application No. 2274/Cal/73 filed October 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

Apparatus for guiding a laser beam comprising:

an articulated structure;

a series of beam redirecting means supported by said structure and arranged to successively reflect said beam, said articulated structure providing means for varying the position of the beam redirecting means to vary at least one of the position and direction of the beam from the last of said beam redirecting means;

means for rotating at least a portion of the articulated structure about a first axis;

a supporting arm coupled at one point to a portion of the articulated structure that is rotatable about said first axis, said supporting arm being rotatable about a second axis spaced apart from and parallel to said first axis; and

means for supporting both said articulated structure and said supporting arm.

CLASS 83A. 140984.

Int. Cl.-A23j 1/00.

METHOD OF FORMING A PLURALITY OF DISCRETE PROTEIN FILAMENTS AND PREVENTING ADHESION THEREOF.

Applicant : RALSTON PURINA COMPANY, OF 835, SOUTH EIGHTH STREET, ST. LOUIS, MISSOURI, 63188, U.S.A.

Inventors : DOYLE HANS WAGGLE AND BALAGTAS FRANCISCO GUEVARA.

Application No. 366/Bom/73 filed November 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims.

A method of continuously and simultaneously forming a plurality of discrete protein filaments from a proteinaceous material as herein defined wherein a slurry of the proteinaceous material with water is formed, the slurry having a proteinaceous solids contents of between 5 and 35% by weight; continuously conducting the proteinaceous slurry under pressure through a heat exchange zone and heating the slurry to a temperature above 240°F. but less than that which will degrade the protein while the protein is subjected to such temperature for a sufficient period of time so that elongated, tender filaments can be caused to separate from the remaining constituents of the slurry, and the heated slurry is continuously removed from said zone through an orifice means whereby the formed, discrete, elongated filaments and remaining constituents of the slurry are discharged into a collecting zone and in the collecting zone the discrete elongated protein filaments are separated from the remaining constituents of the slurry, the improvement comprising conducting the slurry through said orifice having a plurality of openings therein and being spaced apart from one another to prevent the filaments discharged from said plurality of openings from contacting one another until the filaments are sufficiently cooled to inhibit the adhesion thereof and contacting the filaments with a cooling medium as the plurality of filaments are conducted from said orifice to the collecting zone.

CLASS 108C. 140985.

Int. Cl.-C21c 5/32, 5/42.

IMPROVED PROCESS FOR THE MANUFACTURE OF COMMERCIALY ACCEPTABLE QUALITY OF STEEL

Applicant : TAPURIAH & SONS (PRIVATE) LTD., AT 27-B, CAMAC STREET CALCUTTA-700016, WEST BENGAL, INDIA.

Inventors : SURESH CHANDRA TAPURIAH AND JATINDER MOHAN.

Application No. 2516/Cal/73 filed November 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An improved process for the manufacture of commercially acceptable quality of steel from 100% steel scrap or any grades of pig iron or mixture thereof as raw material, comprising melting the raw material and then blowing cold air blast, which may or may not be enriched with oxygen, from the side of a baselined converter on the surface of the molten raw material taken into the converter, characterised in that said air blast is blown in large excess through one row of tuyers directly on the surface of the molten raw material, said tuyers being disposed horizontally or in an inclination of up to 5° in relation to the tuyser axis, that the depth of the well in which the said molten raw material is contained, is made shallower than what is conventionally recommended, and that the overall height of the converter is maintained more than what is conventionally recommended, whereby the slag metal reaction is facilitated for the simultaneous oxidation of the metalloids and the escaping CO gas is converted to CO₂ to preserve heat in the bath, the rate of heat formation with respect of time being sufficient to maintain the temperature of the bath, compared to the loss of heat with respect to time e.g. due to radiation.

CLASS 143D.

140986.

Int. Cl.-B65b 19/00.

DEVICE FOR FEEDING CONTAINER FILLED WITH CIGARETTES TO A SUPPLY HOPPER CHARGING MECHANISM OF A CIGARETTE PACKETING MACHINE.

Applicant : G. D. SOCIETA' PER AZIONI (FORMERLY KNOWN AS G. D. SOCIETA' IN ACCOMANDITA SEMPLICE DI ENZO SERAGNOLI E. ARIOSTO, SERAGNOLI,) OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventors : RICCI LEONINA SERAGNOLI, SERAGNOLI GIORGIO AND SERAGNOLI DANIELA.

Application No. 2723/Cal/73 filed December 14, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Device for feeding containers filled with cigarettes to a supply hopper charging mechanism of a cigarette packeting machine, the device comprising, in side-by-side relationship, two carrying devices, one for handling full containers and the other empty containers, and a device for conveying a full container from its carrying device to said supply hopper charging mechanism and for conveying an empty container from the latter to its carrying device, and each carrying device including a vertical conveying means which, in one case, raises full containers to the conveying device while, in the second case, lowers empty containers from the conveying device, and at the bottom of each of the vertical conveying means a bottom conveyor respectively for moving full container towards the vertical conveying means or empty containers away from the vertical conveying means.

CLASS 143D.

140987.

Int. Cl. B65b 19/00.

DEVICE FOR TRANSFERRING BATCHES OF CIGARETTES FROM A FORMATION LINE TO A PACKING LINE FOR THEM TO BE PACKED.

Applicant : G. D. SOCIETA' PER AZIONI, (FORMERLY KNOWN AS G. D. SOCIETA' IN ACCOMANDITA SEMPLICE DI ENZO SERAGNOLI E. ARIOSTO SERAGNOLI,) OF VIA POMPONIA, 10, BOLOGNA, ITALY.

Inventors : RICCI LEONINA, SERAGNOLI, SERAGNOLI GIORGIO AND SERAGNOLI DANIELA.

Application No. 2724/Cal/73 filed December 14, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Device for transferring batches of cigarettes from a formation line to a packing line for them to be packed, the essential features of which are : an inching rotating head provided with (a) a first and second pair of radial surfaces oppositely positioned, the radial surfaces of each pair being parallel and spaced proportionately to the thickness of the layers that form a packet of cigarettes and (b) a pair of grippers, each of which provided with fork shaped jaws that extend in a radial direction and encompass the said radial surfaces, the termination of each jaw being curved in a direction perpendicular to the axis along which the grippers themselves extend; means for cyclically parting the said jaws so as to change from a first position in which both are open in order to accept or transfer a batch of cigarettes, to a second closed position whilst the rotating head is turning; a movable vertical wall which extends parallel to the cigarettes so as to retain them whilst they are being inserted in between the said four radial surfaces and when the jaw of the grippers corresponding to the said four radial surfaces are open; and a pusher for collecting a batch of cigarettes when the grippers are open and transferring it to the subsequent processing units further along the line.

CLASS 206E & G & I.

140988.

Int. Cl.-H04b 13/00, 11/00.

IMPROVEMENTS IN OR RELATING TO CARRIER FREQUENCY DATA TRANSMISSION SYSTEMS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : ERNST KOOB, DR. HELMUT MATTHES AND WILHELM VOLEJNIK.

Application No. 2760/Cal/73 filed December 19, 1973.

Convention date March 12, 1973/(11719/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A carrier-frequency data transmission system in which different frequency bands are converted individually in modulators to higher frequency bands which are fed through filters and combined to form a frequency band for conversion to a higher frequency band, wherein a plurality of conversion modulators are followed by a plurality of filters arranged so that at least two filters, for selecting upper or lower sidebands from one or a plurality of modulators, are connected in series, wherein the last filter in the series is a band-pass filter, the pass range of which is equal to the total frequency range of the converted frequencies; and wherein the filter or filters which precede said band-pass filter are high-pass or low-pass filters respectively, whose lower or upper pass limit respectively lies at the particular lower or upper cut-off frequency respectively of the frequency range of converted frequencies supplied by the succeeding or preceding modulator or modulators respectively.

CLASS 102G & H.

140989.

Int. Cl.-F02m 51/00.

FUEL SYSTEMS FOR ENGINES.

Applicant : C. A. V. LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Inventors : MALCOLM WILLIAMS, CHRISTOPHER ROBIN JONES AND RICHARD WILLIAM CROOKES.

Application No. 437/Cal/74 filed March 1, 1974.

Convention date March 2, 1973/(10342/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A fuel system for an engine, comprising in combination a pump supplying fuel to the engine, pump control means controlling the pump, a first transducer producing an output

representing demanded pump output, a second transducer producing an output representing actual pump output, an electronic governor to which said outputs are fed, said governor controlling the pump control means, means for setting the maximum pump output and an idle governor for modifying the pump output against speed curves of the system below a predetermined engine speed, said idle governor acting by modifying the output of the demand transducer.

CLASS 107G & H.

140990.

Int. Cl.-F02m 51/00.

FUEL SYSTEMS FOR ENGINES.

Applicant : C. A. V. LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Inventors : MALCOLM WILLIAMS, CHRISTOPHER ROBIN JONES AND RICHARD WILLIAM CROOKES.

Application No. 438/Cal/74 filed March 1, 1974.

Convention date March 2, 1973/(10343/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A fuel system for an engine, comprising in combination a pump supplying fuel to the engine, pump control means determining the output of the pump, a first summing amplifier to which are fed signals representing the demanded and actual values of pump output, together with a signal representing engine speed, the first summing amplifier comprising the signals it receives and producing an output controlling the pump control means, a second summing amplifier to which are fed electrical signals representing engine speed and a reference, and a discriminator coupling the first and second summing amplifiers to the pump control means, the output from the discriminator at any instant being the output from the summing amplifier demanding the last fuel, so that the second summing amplifier limits the engine speed.

CLASS 42A, & 143D.

140991.

Int. Cl.-B07c 1/10.

DEVICE FOR CHECKING THE PROPER SEALING DOWN OF THE BASE OF PACKETS IN PARTICULAR CIGARETTE PACKETS.

Applicant : G. D. SOCIETA' PER AZIONI, OF VIA POMPONIA, 10, BOLOGNA, ITALY.

Inventor : ENZO SERAGNOLI.

Application No. 1102/Cal/74 filed May 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A device for checking the proper sealing down of the base of packets, in particular cigarette packets, to be used in conjunction with a plant including at least one wrapping machine, at least one overwrapping machine linked by a conveyor to said wrapping machine and equipped with a memory system for storing signals, an ejection replenishment station for ejecting faulty packets from the production line and for replenishing said production line with reserve products, characterised in that it comprises: lifting means for rendering a faulty base on a wrapped packet conspicuous; feeler means adjacent said lifting means for detecting the presence of a conspicuous base, said feeler means being connected to the memory system so as to cause the ejection/replenishment station to eject the faulty packets and to replenish the production line with reserve products; and restoring means connected to said lifting means for restoring said faulty base to the condition it was in prior to being made conspicuous.

CLASS 205H.

140992.

Int. Cl.-B60c 5/00.

A PNEUMATIC TIRE AND A CYLINDRICAL BLANK FOR THE MANUFACTURE THEREOF.

Applicant : MICHELIN & CIE (COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN), OF 63 CLERMONT-FERRAND, FRANCE.

Inventor : JACQUES BOILEAU.

Application No. 1293/Cal/74 filed June 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A cylindrical blank for the manufacture of a pneumatic tire formed with a crown and pair of beads spaced apart from the crown, comprising a reinforcement, the reinforcement comprising, proceeding in a direction from the inside towards the outside of the blank,

a carcass reinforcement comprising at least one ply of cords continuous from one to the other of the beads and forming with the circumferential direction over at least part of their length and angle between 70° and 90°, and

three superimposed plies in the region of the crown, the cords of the three crown plies forming acute angles and α , β , γ , respectively, with the circumferential direction, the cord angle α of the one of the three crown plies nearest the carcass reinforcement being such that the expression

$$\frac{\tan\beta - \tan\gamma - 2 \tan\alpha \tan\beta \tan\gamma}{2 \tan\beta \tan\gamma + \tan\alpha (\tan\beta - \tan\gamma)}$$

is, in absolute value, less than 0.6.

CLASS 172D.

140993.

Int. Cl.-D01h 11/00, B08b 15/00.

TRAVELLING TENDING APPARATUS FOR TEXTILE MACHINE SUCH AS A SPINNING FRAME.

Applicant : PARKS-CRAMER COMPANY, POST OFFICE BOX 444, FITCHBURG, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : CHARLES DIXON LEE, JR.

Application No. 1810/Cal/74 filed August 13, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A travelling tending apparatus for moving along a track extending longitudinally of and above an elongate textile machine such as a spinning frame and including a carriage mounted on the track for movement back and forth therealong between opposite end portions of the machine, the apparatus comprising tending means supported from said carriage means for alternately tending first one side and then the other side of the machine, said tending means including housing means mounted on said carriage means for rotation about a vertical axis, tube means depending from the housing to a position in an aisle space to one side of the machine, and yarn piecing apparatus mounted from said tube means for passing adjacent yarn forming locations along the sides of the machine; means operatively connected with said housing means and said tube means for inducing cleaning flows of air there through and thereby tending the sides of the machine by pneumatically cleaning the machine; and control means operatively connected with said carriage means and said tending means for rotating said housing means about said vertical axis when said carriage means approaches an end portion of the machine from one direction and for swinging said tube means and said yarn piecing apparatus around the end of the machine to a position in an aisle space to the other side of the machine and for initiating movement of said carriage means in the other direction.

CLASS 33D & 1. 140994.

Int. Cl.-B22d 7/06.

METHOD OF REPAIRING ARTICLES MADE OF CAST IRON SUCH AS INGOT MOULDS.

Applicant : ELKEM-SPIGERVERKET A/S, OF MIDDELTHUNSGATE 27, OSLO 3, NORWAY.*Inventors* : ARNE GEORGE ARNESEN AND JAN SCHOKKENBROEK.

Application No. 1985/Cal/74 filed September 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A method of repairing a cavity in an article made of cast iron which comprises the steps of providing a hollow electrode, positioning the working tip of the electrode adjacent the cavity to be repaired, passing an electric current through the cast iron article via the hollow electrode so as to form a mass or molten material in the vicinity of the cavity, and feeding repair material to the cavity through the hollow electrode.

CLASS 66D₁ & D₁ & D₁ & 113-I. 140995.

Int. C-B60q 1/00.

LAMP ASSEMBLY.

Applicant : BUTLERS LIMITED, OF GRANGE ROAD, BIRMINGHAM 10, ENGLAND.*Inventor* : PETER JOHN INGLIS.

Application No. 2124/Cal/74 filed September 24, 1974.

Convention date September 29, 1973(45653/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A lamp assembly comprising a base, a bulbholder supported by the base, at least one electrically insulating contact holder disposed adjacent the bulbholder and including a recess, and an electrically conducting blade having a barbed portion engaged in the recess and an integral, bulb contact engaging portion disposed in the bulbholder, barbs on said barbed portion biting into walls of said recess, thereby retaining said bulb contact engaging portion in the desired position within the bulbholder.

CLASS 143D₁. 140996.

Int. Cl.-865b 11/00., 41/00.

DEVICE FOR SEPARATING SHEETS FROM PILES, PARTICULARLY CARDBOARD BLANKS OR SIMILAR, TO BE FED INDIVIDUALLY TO MACHINES FOR PACKING CIGARETTES IN PACKETS OF THE HINGE LID TYPE.

Applicant : G.D. SOCIETA' PER AZIONI, OF VIA POMPONIA, 10, BOLOGNA, ITALY.*Inventor* : SERAGNOLI ENZO.

Application No. 2152/Cal/74 filed September 26, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A device for separating sheets from piles, particularly cardboard blanks or similar, to be fed individually to machines for packing cigarettes in packets of the hinge lid type, in which the pile of sheets or blanks is housed in a container or magazine from the base of which the individual sheets or blanks are rhythmically removed by suction means, essential features of the said device being that it comprises at least a first pressure member or pusher placed on one side of the pile determined by the superposition of the individual

sheets or blanks; at least a second pressure member or pusher placed on the opposite side to the said first side, below the said first pressure member or pusher with respect to the movement of the sheets or blanks towards the removal point of the said sheets or blanks from the pile; and means for moving the said first and the said second pressure member or pusher against and away from the side concerned of the pile so as to cause the individual superposed sheets or blanks to undergo alternate displacements along their mutual contact plane.

CLASS 148B & H.

140997.

Int. Cl.-H01j 35/00.

A COLLIMATING SYSTEM FOR X-RAY TOPOGRAPHY CAMERAS AND SIMILAR EQUIPMENTS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.*Inventors* : DR. KRISHAN LAL, SHRI DESRAJ PAHWA, SH. VIJAY KUMAR AND SHRI KESHAV AGARWAL.

Application No. 2372/Cal/74 filed October 31, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A collimating system for collimating an X-ray beam which comprises (i) a slit which consists of (a) a frame with an opening and (b) two jaws attached to the frame whereby the jaws partially mask the opening; (ii) a collimating tube whose one end is open and placed close to a X-ray source and on to the other end the slit mentioned in (i) is mounted, and (iii) a stand to which the collimating tube is attached whereby the collimating tube can be aligned along the axis of the X-ray beam thereby a divergent X-ray beam passing through the collimating tube emerges from the opening between the jaws of the slit as a nearly parallel beam of X-rays and thereby collimating it.

CLASS 64B₂.

140998.

Int. Cl.-H01r 15/10.

ELECTRICAL SOCKET.

Applicant : BASSANI S.P.A., OF C.S.O. PORTIA VITTORIA 9, MILAN, ITALY.*Inventor* : PIERLUIGI RANZANIGO.

Application No. 2510/Cal/74 filed November 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An electrical socket comprising : a housing; electrical contact terminals in the housing; the housing providing apertures aligned with the respective electrical contact terminals, for insertion of the conductor pins of an electrical connector plug; a shutter member; at least two resiliently flexible lugs on the shutter member, the shutter member being displaceable between a first position in which said lugs mask the apertures and a second position in which the apertures are unmasked for insertion of said conductor pins, each said lug having a surface which is inclined with respect to the direction of movement of the shutter member, whereby a thrust force against said surfaces causes the shutter member to be urged towards its second position; and abutment means co-operable with the respective lugs for defining said first position of the shutter member, at least one of the lugs being engaged by its respective abutment means when the shutter member is in said first position to arrest the shutter member in said first position, the simultaneous thrust force of respective conductor pins against said inclined surfaces of the lugs causing deflection of the engaged lug out of engagement with said abutment means whereby the shutter member can be displaced towards said second position by said thrust force acting against said inclined surfaces.

CLASS 65B, & 69K.

140990.

Int. Cl.-H01h 33/00.

LOAD DIVERTER SWITCH ASSEMBLY.

Applicant: MASCHINENFABRIK REINHAUSEN GEBRUDER SCHEUBECK KG., OF 8 FALKENSTEINSTRASSE, 8400 REGENSBURG, FEDERAL REPUBLIC OF GERMANY.

Inventors: WERNER FRIEDRICH, ULRICH SCHWEITZER AND GOTTHARD SIGL.

Application No. 38/Cal/75 filed January 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A load diverter switch assembly for on-load tap changing of three-phase regulating transformers, comprising a cylindrical outer housing, adapted in use of the switch to contain oil, a substantially cylindrical inner housing, which is arranged within the outer housing to be concentric therewith and which comprises three shell members each detachably mounted on two axially spaced attachment members to be disposed at equal angular spacings in a circle around the longitudinal axis of the assembly, each shell member carrying fixed main and auxiliary contacts of a respective phase at a spacing sufficient to permit the free passage of oil between contacts of adjacent phases, each attachment member being provided with means to guide movable contacts selectively co-operable with the fixed main and auxiliary contacts, and each shell member extending axially outwardly of the attachment members to a respective end portion provided with at least one aperture, into which a resistor assembly is insertable in a radially inward direction to be connectable with conductors, which are disposed on the radially outward side of the respective shell and each connected at one end with fixed contacts of the respective phase.

CLASS 129J.

141000.

Int. Cl. B21b 1/22.

AN IMPROVED TENSION BRIDLE FOR A ROLLING MILL.

Applicant: LOEWY ROBERTSON ENGINEERING COMPANY LIMITED, OF WALLISDOWN ROAD, POOLE, DORSET, ENGLAND.

Inventors: DEREK ARTHUR LAMBERT ELTON, DAVID WILLIAM GUPPY AND HARRY STUBLEY.

Application No. 75/Cal/75 filed January 13, 1975.

Convention date February 19, 1974/(7417/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A tension bridle suitable for use with a rolling mill said bridle comprising a pair of side frames, at least three rollers rotatably supported by the side frames, a plurality of hollow spray bars extending from one side frame to the other, each spray bar having a plurality of nozzles mounted thereon and in communication with the interior thereof and wherein at least one of the side frames is formed with, or carries, conduits arranged to conduct liquid coolant and/or lubricant to the spray bars.

CLASS 113-I & 134A.

141001.

Int. Cl.-F21m 3/00.

A HEADLAMP TILTING SYSTEM IN A MOTOR VEHICLE.

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Inventor: FREDERICK RAYMOND PATRICK MARTIN.

Application No. 396/Cal/75 filed March 3, 1975.

Convention date March 8, 1974/(10455/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

In a motor vehicle having a body, wheel on which the body is mounted and a headlamp mounted for tilting movement on said body, a headlamp tilting system comprising a headlamp tilting mechanism, and a headlamp securing mechanism which is arranged to override the headlamp tilting mechanism and which is normally de-activated to permit the headlamp tilting mechanism to tilt the headlamp, said headlamp tilting mechanism including an element which is normally maintained in tension and which is moveable in response to variations in the attitude of the vehicle body relative to wheels thereof caused by variations in the load carried by the vehicle body, and a member disposed in a part of the tilting mechanism which connects said element with said headlamp, said member being biased towards a position in which it activates the headlamp securing mechanism, said member being held against movement into said position by said element whereby, when a failure of the headlamp tilting mechanism causes loss of tension in the element, said member moves into its said position to activate the headlamp securing mechanism which is arranged to limit tilting movement of the headlamp.

CLASS 107F & 163F.

141002.

Int. Cl.-15b 21/12.

PULSE GENERATORS.

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM B19 2XF, ENGLAND.

Inventors: WILLIAM HAROLD COOKSEY AND JOHN KENNETH JENKINSON.

Application No. 427/Cal/75 filed March 5, 1975.

Convention date March 14, 1974/(11417/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A pulse generator including a timing wheel, a rotatable shaft carrying said timing wheel, and a pick up device associated with and positioned adjacent said timing wheel, rotation of said timing wheel relative to said pick-up device causing generation of electrical pulses in said device, said timing wheel including a body having therein a bore within which said shaft extends, means locating said body axially on said shaft, and there being defined between the shaft and the body an annular gap of wedge shaped cross-section into which is forced a resilient ring, said resilient ring resisting movement of the body of the timing wheel relative to the shaft lateral to the axis of the shaft in the event that there is a clearance between the wall of said bore and said shaft.

CLASS 179E.

141003.

Int. Cl.-B65d 39/08, B67b 1/06.

PLUG OF PLASTIC OR ANOTHER RATHER SOFT MATERIAL PROVIDED WITH EXTERNAL SCREW THREAD.

Applicant: KONINKLIJKE EMBALLAGE INDUSTRIE VAN LEER B. V., OF AMSTERDAMSEWEG 206, AMSTELVEEN, THE NETHERLANDS.

Inventor: MATHEUS JOHANNES MARTINUS COPPENS.

Application No. 572/Cal/75 filed March 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Plug of plastic or another rather soft material provided with external screw thread and adapted to be screwed in a metal neck provided with internal screw thread, especially in a closure of a vessel, characterized in that the first thread of the screw thread on the plug is bevelled over 360° by cone-shaping the lower edge of the plug, the top angle of the beveling cone corresponding to the top angle of the reamer, with which the entry of the screw thread in the neck has been reamed.

CLASS 76J.

141004.

Int. Cl.-E05c 17/00.

DOOR FASTENING DEVICE WITH SAFETY CATCH.

Applicant & Inventor: HARI VAMAN KANE, 8, SWAPNA NAGARI, KARVE ROAD, POONA-4, MAHARASHTRA STATE, INDIA.

Application No. 106/Bom/75 filed April 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim

A door fastening device with safety catch comprising a first standard sliding door bolt with strip fixed to the hasp of the said standard sliding door bolt with the help of a hinge and when the said door fastening device with safety catch is fitted on the inner face of the door where a slit adjacent to the edge of the door, is provided and the said door fastening device with safety catch is fitted to the door in such a way that the hasp of the same is placed in line with the said slit and when the said door fastening device with safety catch is used to close the door from inside, the strip, fixed on the hasp of the said door fastening device with safety catch, protrudes through the said slit provided on the face of the door in such a way that it projects in front of the bolt of a second standard sliding door bolt fitted on the outer face of the said door and as such obstructs the longitudinal movement of the said second standard sliding door bolt towards the clip thus preventing the closing operation of the said door from outside.

CLASS 71B & 131B₁ & B₂ & 149D.

141005.

Int. Cl.-E02d 17/14.

IMPROVEMENTS IN OR RELATING TO A METHOD OF DRILLING HOLES IN SOIL AND ROCK AND A SYSTEM FOR CARRYING OUT THE METHOD.

Applicant & Inventor: KRISHNA RAMCHANDRA DATYE, 82H, BONDEL ROAD, CALCUTTA-700019, STATE OF WEST BENGAL, INDIA.

Application No. 1802/Cal/75 filed September 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A method of drilling holes in soil, rock and like earth strata for laying pile, diaphragm or caisson foundations and like purposes, comprising operating in the strata a cutting tool fixed to the mouth of a converging tube, feeding thick drilling mud to passages in the cutting tool, feeding thin slurry, water and air under high pressure either singly or in combination of two of the three or all three to passages in the cutting tool, causing the drilling mud and the said other fluids to pass through orifices in the cutting tool into the partly formed bore hole and the converging tube to carry particles of rock, stone cuttings, soil, clay or gravel entrained in the thick drilling mud upwardly into a riser tube fixed to the upper end of the converging tube and to discharge the same at the ground level from the upper end of the riser tube.

CLASS 20B.

141006.

Int. Cl.-A47g 1/08.

IMPROVEMENTS IN OR RELATING TO PICTURE FRAMES.

Applicant & Inventor: KASTURI LAL, OF LIBERTY INDUSTRIES, 2872 KUCHA CHALLAN, DARYAGANJ, DELHI, INDIA.

Application No. 693/Cal/76 filed April 22, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An improved picture frame of the kind described which has a picture retaining display member for retaining a picture or like display matter therebetween and multiple-position supporting back member comprising a plurality of triangular or trapezoidal sides extending in a direction out of the plane of the picture frame in a direction opposite to the picture retaining display member each said side forming an optional support surface.

CLASS 46C.

141007.

Int. Cl.-G07f 15/00.

AUTOMATIC VENDING SYSTEM FOR LIQUIDS.

Applicant & Inventor: GIRISHCHANDRA MANILAL JHALA, RAJGHARIA MANSION, 11/1, RAWDON STREET, CITY OF CALCUTTA, STATE OF WEST BENGAL, INDIA.

Application No. 1460/Cal/76 filed August 11, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A system for automatically vending or dispensing liquids, such as milk or beverages, comprising means for storing the said liquid at the desired temperature, a position displacement liquid pump having a cylinder and a piston adapted to reciprocate therein, a sanitary type non-return valve in the suction pipe connecting storage means to pump cylinder, another sanitary type non-return valve and filter in the delivery pipe leading from the pump cylinder to a vending station, means for actuating the pump under control of a present mechanism for delivering the predetermined quantity of the liquid.

CLASS 32F_d.

141008.

Int. Cl.-C07c 15/08.

PROCESS FOR THE CATALYTIC OXIDATION OF ORTHOXYLENE TO PHTHALIC ANHYDRIDE.

Applicant: PRODUITS CHIMIQUES UGINE KUHL MANN, OF 25, BOULEVARD DE L'AMIRAL BRUX, PARIS 16EME, FRANCE.

Inventor: JEAN CIQUIER.

Application No. 1912/Cal/73 filed August 18, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

Process for the catalytic oxidation of orthoxylene to phthalic anhydride in which the oxidation is effected in the presence of a catalyst comprising an inert support of silicon carbide and/or alumina and/or aluminium silicate in irregular grains or particles, of particle size from 3 to 6 mm, coated with a catalytically active mass containing 35% to 75% of antimony oxide and/or bismuth oxide and/or tin oxide and 25% to 65% of other metal oxides, selected from titanium oxide and vanadium oxide and mixtures thereof, the catalytically active mass representing 8% to 16% of the total weight of the catalyst and said catalyst being previously activated in air at a temperature from 350°C to 600° for 12 to 48 hours.

CLASS 32A_s, 62C₁ & 154H.

141009.

Int. Cl.-C09b 1/52, D06p 1/20, 1/50.

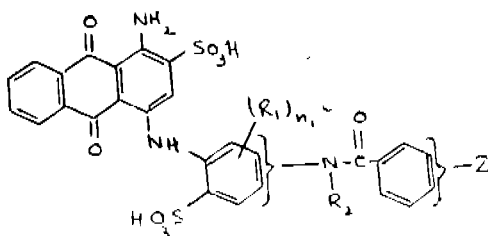
PROCESS FOR PREPARING NEW WATER-SOLUBLE REACTIVE DYESTUFFS OF THE ANTHRAQUINONE SERIES.*Applicant*: HOECHST AKTIENGESellschaft, OF 6230, FRANKFURT/MAIN 80 FEDERAL REPUBLIC OF GERMANY.*Inventors*: HANS-JOACHIM BREDERECK, HERMANN FUCHS AND HERMANNHEINZ KONRAD.

Application No. 2031/Cal/73 filed September 5, 1973.

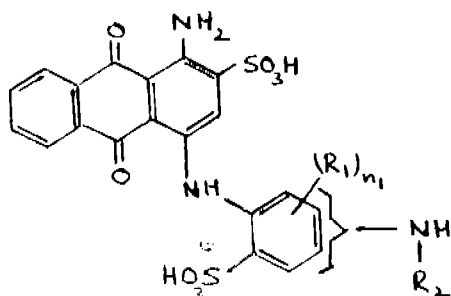
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

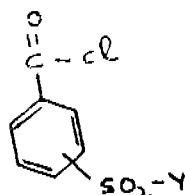
Process for preparing the compounds which in the form of the free acid correspond to the general formula (I).



in which R_1 represents methyl and/or ethyl, n_1 represents the number 0, 1, 2 or 3 R_2 represents hydrogen or alkyl having 1 to 5 carbon atoms and Z represents one of the groupings (2) or (3) $-\text{SO}_2-\text{CH}=\text{CH}_2$ (2) $-\text{SO}_2-\text{CH}_2-\text{CH}_2-\text{Cl}$ (3) wherein compounds which in the form of the free acid correspond to the general formula (5).



in which R_1 , R_2 and n_1 have the meanings as given above, are reacted with acid chlorides of the formula (6A).



wherein Y is either the group $-\text{CH}=\text{CH}_2$ or $-\text{CH}_2-\text{CH}_2-\text{Cl}$.

CLASS 32F_b.

141010.

Int. Cl.-C07c 63/00, 65/00.

PROCESS FOR AROMATIC CARBOXYLIC ACIDS.*Applicant*: SUN RESEARCH AND DEVELOPMENT CO., OF 1608 WALNUT STREET, CITY OF PHILADELPHIA, COMMONWEALTH OF PENNSYLVANIA, UNITED STATES OF AMERICA.*Inventor*: RICHARD WAIL NORTON.

Application No. 2109/Cal/73 filed September 14, 1973.

3-407GI/76

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A process for making aromatic carboxylic acids from aromatic nitriles comprising the non-catalytic hydrolysis to equilibrium of an aqueous solution of said nitriles at 200° to 300°C in the presence of soluble recycled hydrolysis products of said nitrile, the hydrolysis medium containing from about 0.45 to about 2.0 recycle carboxylic acid hydrolysis equivalents per mole of nitrile, venting steam and ammonia vapors at about 200° to about 300°C and at autogenous pressure, the amount of ammonia vented being more than 50% of that formed from said nitrile, cooling to precipitate free aromatic carboxylic acid, separating said solid acid from the solution of soluble products and recycling said aqueous solution to a subsequent hydrolysis.

CLASS 34A.

141011.

Int. Cl.-D01f 3/12.

METHOD OF PRODUCING CELLULOSIC FILAMENTS.*Applicant*: SNIA VISCOSA SOCIETA' NAZIONALE INDUSTRIA APPLICAZIONI VISCOSA S.P.A., OF VIA MONTEBELLO 18, MILAN, ITALY.*Inventors*: FRANCESCO SICLARI AND PIETRO PAOLO ROSSI.

Application No. 2362/Cal/73 filed October 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims. No drawings.

A method of producing an essentially cellulosic filament having a high resistance to combustion, which method comprises wet spinning by known methods into an acidic medium, a spinnable viscose solution comprising alkaline aqueous solution of cellulose xanthate and a phosphorous and nitrogen containing compound which is co-coagulable with the cellulose xanthate characterised in that the phosphorus and nitrogen containing compound is obtained by reacting a phosphonium compound with an amino acid and thereafter with ammonia and/or an amine.

CLASS 39K.

141012.

Int. Cl.-01b 25/18.

PROCESS FOR PRODUCING PHOSPHORIC ACID BY THE WET PROCESS.*Applicant*: FISON'S LIMITED, OF FISON HOUSE, 9, GROSVENOR STREET, LONDON, ENGLAND.*Inventors*: DOUGLAS CHARLES HARPER AND STANISLAW MARIA JANIKOWSKI AND NORMAN ROBINSON.

Application No. 2421/Cal/73 filed November 2, 1973.

Convention date November 8, 1972/(51454/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

38 Claims. No drawings.

A process for producing phosphoric acid by the wet process wherein a slurry of calcium sulphate hemihydrate and/or calcium sulphate anhydrite crystals in phosphoric acid is formed and the crystals are separated from this slurry and washed with a liquor which is recirculated for refuse in the washing process which liquor contains an additive for reducing the amount of gypsum scale formed; characterised in that the additive is incorporated into the liquor between the point at which it is separated from the crystals and the point at which it is collected for recirculation.

CLASS 32E & 152F.

141013.

Int. Cl.-B29h 1/06, C08f 27/00.

METHOD OF THERMALLY CURING POLYMERIC MATERIALS.

Applicant : GENERAL ELECTRIC COMPANY, OF RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventor : MILTON SHARPLES GREENHALGH.

Application No. 2506/Cal/73 filed November 14, 1973.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A method of obtaining a cure induced heat curable peroxide containing polymeric compositions comprising contacting a body of heat curable polymeric composition with a stream of hot gas heated to a temperature of at least 500°F and moving at a velocity of at least 3000 feet per minute while said gas is under a pressure of at least 45 lbs. per square inch, and flowing said heated gas moving under pressure of at least 45 lbs. per square inch at a velocity of at least 3000 feet per minute in direct contact over a surface of the body of heat curable polymeric composition for a dwell period sufficient to raise the temperature of from 500°F to 1000°F through the mass of said body of heat curable polymeric composition to its curing level and thereby obtaining a cure induced heat curable polymeric composition.

CLASS 32A & 154H.

141014.

Int. Cl.-C09b 57/00.

A PROCESS FOR THE PRODUCTION OF METAL CONTAINING HETEROCYCLIC COMPOUNDS.

Applicant : SANDOZ LTD., OF LIGHTSTRASSE 35, BASLE, SWITZERLAND.

Inventor : BANSI LAL KAUL.

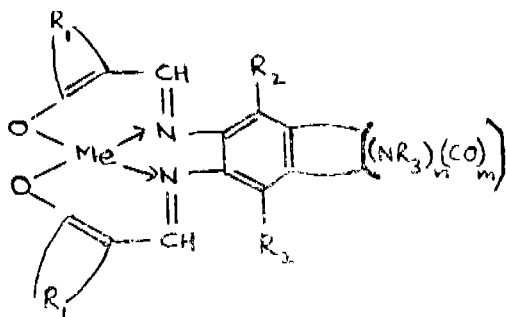
Application No. 2806/Cal/73 filed December 24, 1973.

Convention date December 27, 1972/(59607/72) U.K.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

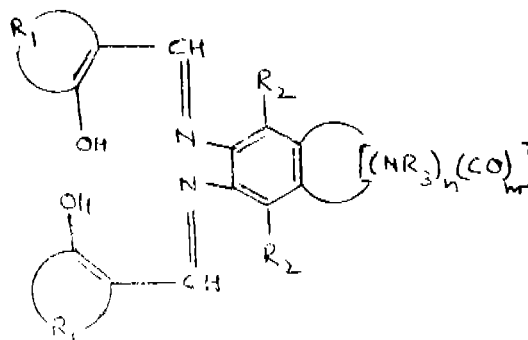
12 Claims

A process for the production of a compound of formula I.



in which the radicals R_1 , which may be the same or different, together with the carbon atoms to which they are attached, signify a carbocyclic or heterocyclic ring of aromatic character, which is unsubstituted or substituted by halogen trifluoromethyl; (C_1) alkyl (C_2) alkoxy, cyano, nitro, hydroxylamino (C_3) alkylamino or (C_4) dialkylamino or acyl or phenyl, the radicals R_2 , which may be the same or different, each signify a hydrogen atom, halogen, (C_1) alkyl or (C_2) alkoxy, R_3 signifies a hydrogen atom; a unsubstituted (C_1) alkyl radical; a (C_2) alkyl radical substituted by halogen, cyano, (C_1) alkoxy, phenyl, phenoxy, acyl, acyloxy or acylamino; unsubstituted phenyl radical or a phenyl radical substituted by halogen, (C_1) alkyl, trifluoromethyl, (C_2) alkoxy cyano, nitro, hydroxylamino, (C_3) alkylamino, (C_4) dialkylamino or acyl, Me signifies a divalent

metal atom, m signifies 1 or 2, and n signifies 1 or 2 provided that the sum of n and m is at least 3 and that the compounds contain no carboxylic or sulphonic acid groups, characterised by metallising a compound of formula X.



in which R_1 , R_2 , R_3 , n and m are as defined above, with a salt of the divalent metal Me.

CLASS 36A1.

141015.

Int. Cl.-F04d 1/00.

IMPROVEMENTS IN CENTRIFUGAL PUMPS.

Applicant & Inventor : ALBERT BANYAI, OF 2222 COMMON ROAD, WARREN, STATE OF MICHIGAN 48092, UNITED STATES OF AMERICA.

Application No. 922/Cal/74 filed April 23, 1974.

Convention date March 7, 1974/(194,294/74) CANADA.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A centrifugal pump which comprises, a body, a shaft rotatably mounted on said body, and a tube fixed to said shaft to be rotated thereby, said body having an intake chamber for receiving fluid to be pumped, said tube having at one end an inlet open to said intake chamber, said inlet having a relatively large effective cross-sectional area and being located relatively closely to said shaft, said tube having at its other end an outlet which is spaced from said inlet in a direction axial of said shaft, said outlet having a relatively small effective cross-sectional area and being located radially further from said shaft than said inlet, said tube progressing from said inlet toward said outlet, having an effective cross-sectional area which progressively decreases, having a slope relative to an axial plane through said shaft which progressively increases, and having a radial distance from said shaft which progressively increases.

CLASS 182B.

141016.

Int. Cl.-C13k 7/00.

PROCESS FOR THE PRODUCTION OF CRYSTALLINE MALTOSE.

Applicant : SANMATSU KOGYO CO., LTD., OF NO 11-10, WAMOTO-CHO, KANDA, CHIYODA-KU, TOKYO JAPAN.

Inventors : TSUKASA YOSHIDA AND KENZABURO YORITOMI.

Application No. 2004/Cal/74 filed September 6, 1974.

Appropriate office for opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for the production of crystalline maltose comprising:

subjecting a starch material to liquefaction by a conventional procedure to produce liquefied starch; hydrolyzing said liquefied starch with β -amylase to produce a saccharified solution containing maltose and dextrin;

contacting said saccharified solution with an anion exchange resin to selectively adsorb the maltose on the resin thereby separating the maltose from the solution;

eluting the maltose from the anion-exchange resin to form a solution of maltose having a purity of at least 90%;

supersaturating said solution of maltose to a degree of supersaturation within the range of 1.03 to 1.25;

crystallizing the maltose in the supersaturated solution while maintaining the degree of supersaturation within said range; and

separating the maltose crystals in a conventional manner from the solution.

CLASS 47B & 84A.

141017.

Int. Cl.-C01b 2/00, 2/14, C10j.

PROCESS FOR THE PREPARATION OF CYNTHESIS GAS.

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., OF CAREL VAN BYLANDT LAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor: CHARLES LOUIS EDUARD CORNELISSE.

Application No. 2083/Cal/74 filed September 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A process for the preparation of gases containing carbon monoxide and/or hydrogen by incomplete combustion in a hollow reactor of a hydrocarbons-containing feed, characterized in that the combustion is carried out at a pressure of at least 40 bar and at most 250 bar and a residence time of the gas mixture in the reactor of at least 10 seconds and at most 20 seconds.

CLASS 34A.

141018.

Int. Cl.-C08g 20/00, 41/00, C08g 53/18.

PROCESS FOR THE MANUFACTURE OF POLYESTER IMIDE DISPERSIONS.

Applicant: BASF AKTIENGESellschaft, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventors: JENOE KOVACSHANS JUNG, MATTHIAS MARX HERBERT SPOOR AND WILFRID ROSCHKE.

Application No. 2291/Cal/74 filed October 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings

A process for manufacture of aqueous polyester imide dispersions containing from 20 to 60% by weight of polyester imide in the form of solid particles having a diameter of less than 5/um and optionally containing small amounts of flow promoters, fillers, dispersing agents and/or esterification catalysts such as herein described in which the molten polyester imide is allowed to solidify and is then comminuted in the dry state to particle sizes of 100/um and less at temperatures of less than 100°C, whereupon the particles are milled in water at temperatures of less than 80°C to a diameter of less than 5/um, more than 80% of the particles having a diameter of less than 1/um.

CLASS 55E & 60X.b & 60X.c.

141019.

Int. Cl.-A61k 9/00 & 27/12.

A METHOD OF PREPARING A TABLET OF A PHARMACEUTICAL FORMULATION.

Applicant: THE WELLCOME FOUNDATION LIMITED, OF 183-193, EUSTON ROAD, LONDON, N.W.1, ENGLAND.

Inventors: ALLAN JOHN TORODE, DAVID HARDEN AND JOHN SPENCE.

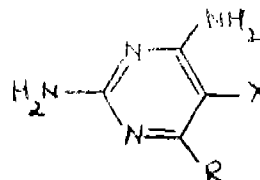
Application No. 270/Cal/75 filed February 13, 1975.

Convention date February 14, 1974/(6758/74) U.K.

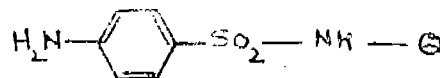
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A method of preparing a pharmaceutical tablet which comprises admixing from 80 to 98% (w/w) of a combination of a 2, 4-diaminopyrimidine of formula (I).



wherein X is an optionally substituted phenyl group such as herein described when R is an alkyl group having from 1 to 4 carbon atoms or X is an optionally substituted benzyl group such as herein described when R is a hydrogen atom, with a sulphonamide of formula (III).



wherein Q is an optionally substituted pyrimidin-2-yl, pyrimidin-4-yl, a substituted isoxazolyl group such as herein described, a quinoxalanyl group or an acyl group in which the alkyl group has from 1 to 4 carbon atoms, the ratio of 2, 4-diaminopyrimidine to sulphonamide being from 1 : 20 to 20 : 1, a disintegrating agent such as herein described and a granulating agent such as herein described, the total amount of both agents not being more than 20% (w/w) of the tablet, wherein the particle size, as herein defined, of the combination is less than 40/um and the disintegrating agent has a swelling capacity, as herein defined, greater than 5 ml/g, and thereafter compressing the product into a tablet by standard techniques.

CLASS 11C.

141020.

Int. Cl.-A23k 1/16.

A PROCESS FOR THE PREPARATION OF A VETERINARY FEED COMPOSITION FOR INHIBITING RUMEN MICROBIAL DEAMINATION.

Applicant: SMITHKLINE CORPORATION, OF 1500 SPRING GARDEN STREET CITY OF PHILADELPHIA, COMMONWEALTH OF PENNSYLVANIA, 19101, UNITED STATES OF AMERICA.

Inventors: WILLIAM VICTOR CHALUPA, ALFRED WEN-JEN CHOW, AND ROGER COOK PARISH.

Application No. 280/Cal/75 filed February 14, 1975.

Convention date March 12, 1974/(10870/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for the preparation of an animal feed composition effective for selective inhibition of microbial deamination in ruminant animals comprising mixing an effective but nontoxic quantity of a diaryliodonium salt uniformly throughout an animal feed carrier which carrier comprises proteins or amino acid containing feedstuff.

CLASS 32F, & F.b & 60X.d.

141021

Int. Cl.-C07d 87/22.

PROCESS FOR THE MANUFACTURE OF MORPHOLINE DERIVATIVES.

Applicant: IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON, SW1P 3JF, ENGLAND.

Inventors : BERNARD JOSEPH MCLOUGHLIN AND ALLEN JOHN CULDFORD.

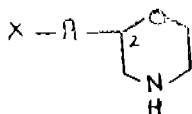
Application No. 793/Cal/75 filed April 19, 1975.

Convention date May 7, 1974/(20013/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

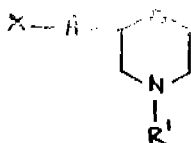
4 Claims.

A process for the manufacture of a morpholine derivative of the formula I,



wherein A stands for an ethylene ($-\text{CH}_2\text{CH}_2-$) or vinylene ($-\text{CH}=\text{CH}-$) radical and X stands for a phenyl radical which may optionally be substituted by one or two substituents selected from halogen atoms, alkyl and alkoxy radicals of 1 to 6 carbon atoms and aryloxy radicals of 6 to 10 carbon atoms, the aryloxy radicals themselves being optionally substituted by one or two substituents selected from halogen atoms and alkyl radicals of 1 to 4 carbon atoms; and the pharmaceutically—acceptable acid—addition salts thereof; characterised by:—

replacing by hydrogen the radical R^1 in a compound of the formula II.



in the racemic form or as a resolved isomer in which R^1 is an alkanyl or optionally substituted alkoxycarbonyl radical of up to 6 carbon atoms or an aroyl or aryloxy-carbonyl radical of up to 11 carbon atoms and A and X are as above, by hydrolysis with an acid or a base; whereafter if the product is obtained in the racemic form and a resolved isomer is required the product is resolved by conventional means; whereafter if a salt is required, the product is reacted with an acid which affords a pharmaceutically—acceptable anion.

CLASS 146C.

141022.

Int. Cl.-G01d 21/00.

AN IMPROVED DEVICE FOR MEASURING OF PENETRATION RESISTANCE OF SOIL.

Applicants & Inventor : ASHOK KUMAR, OF 125-KASHIRAM STREET, KHATAULI, (DISTT. MUZAFFAR-NAGAR), U.P. INDIA, AND VIJAY KUMAR, OF 125-KASHIRAM STREET, KHATAULI, (DISTT. MUZAFFAR-NAGAR), U.P. INDIA.

Application No. 1285/Cal/75 filed June 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A device for measuring penetration resistance of soil using tube/rod comprising a reaction frame adapted to be anchored to ground, vertical columns and horizontal members in said frame, an hydraulic/screw jack with a pressure gauge or a proving ring with a dial gauge mounted on upper and lower horizontal guides in said vertical columns, a rack and pinion arrangement, said rack fitted to the upper horizontal guide, a tube or rod or both with the latter enclosed in the former, fitted to lower horizontal guide and adapted to pass through an opening in the lower horizontal member of the frame, gear means with the pinion of said rack and pinion arrangement in said reaction frame, said rack adapted as will to be connected to said pinion and means to drive said pinion, the arrangement being such that when a load is

applied to the rack, such load, during transfer to the tube rod, acts on the screw or hydraulic jack/proving ring; reading in case of the pressure gauge showing the load applied and in case of the proving ring displacement of the proving ring, each of which is a measure of penetration resistance.

CLASS 32F, & F₂d & 60X₂c.

141023.

Int. Cl.-C07c 143/78.

PROCESS FOR PREPARING BENZENESULFONYL-UREAS.

Applicant : HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBWERKE HOECHST A.G. VORMALS MEISTER LUCIUS & BRUNING), OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNING-STRASSE, FRANKFURT/MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : HELMUT WEBER, WALTER AUMULLER RUDI WEYER AND KARL MUTH.

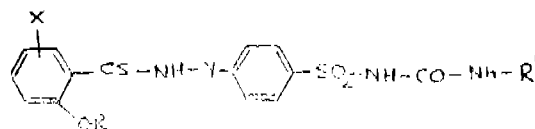
Application No. 1454/Cal/75 filed July 25, 1975.

Division of Application No. 112673 filed October 6, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for preparing benzenesulfonyl-ureas of the formula shown in fig. 1,



in which Y represents $-\text{CH}_2\text{CH}_2-$, $-\text{CH}(\text{CH}_3)-$, $-\text{CH}_2-$ or $-\text{CH}_2\text{CH}(\text{CH}_3)-$.

R represents alkyl containing 1 - 5 carbon atoms, preferably methyl, low molecular weight alkenyl, methoxymethyl, ethoxymethyl, methoxyethyl or ethoxy-ethyl,

X represents halogen, preferably chlorine, low molecular weight alkyl, preferably methyl, low molecular weight alkoxy preferably methoxy or trifluoromethyl, R^1 represents

- alkyl containing 3-6 carbon atoms,
- cycloalkyl containing 5-8 carbon atoms,
- cyclohexenyl, methylcyclohexenyl,
- cyclohexyl substituted by 1-2 alkyl groups, the alkyl groups containing each 1-2 carbon atoms and standing preferably in the 4-position of the cyclohexyl radical,
- chlorocyclohexyl, lower alkoxy-cyclohexyl,
- endomethylene-cyclohexyl, endomethylene-cyclohexenyl, endomethylene-cyclohexylmethyl or endomethylene-cyclohexenylmethyl,
- nortricyclyl,
- adamantyl, and their physiologically tolerable salts, which process comprises replacing in known manner the sulfur atom in the urea radical of correspondingly substituted benzenesulfonyl-thioureas by an oxygen atom, and, if desired, converting the reaction products so obtained into their physiologically tolerable salts by treatment with an alkaline agent.

CLASS 32F, & F₂d & 60X₂c.

141024.

Int. Cl.-C07c 143/78.

PROCESS FOR PREPARING BENZENESULFONYL-UREAS.

Applicant : HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBWERKE HOECHST A.G. VORMALS MEISTER LUCIUS & BRUNING), OF 6230

FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNING-STRASSE, FRANKFURT/MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : HELMUT WEBER, WALTER AUMULLER
RUDI WEYER AND KARL MUTH.

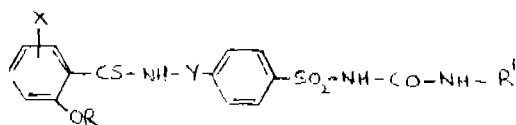
Application No. 1454/Cal/75 filed July 25, 1975.

Division of Application No. 112673 filed October 6, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for preparing benzenesulfonyl-ureas of the formula shown in fig. 1.



in which Y represents $-\text{CH}_2\text{CH}_2-$, $-\text{CH}(\text{CH}_3)-$, $-\text{CH}_2-$ or $-\text{CH}_2\text{CH}(\text{CH}_3)-$,

R represents alkyl containing 1 - 5 carbon atoms, preferably methyl, low molecular weight alkenyl, methoxymethyl, ethoxymethyl, methoxyethyl or ethoxy-ethyl,

X represents halogen, preferably chlorine, low molecular weight alkyl, preferably methyl, low molecular weight alkoxy, preferably methoxy or trifluoromethyl, R^1 represents

- alkyl containing 3-6 carbon atoms,
- cycloalkyl containing 5-8 carbon atoms,
- cyclohexenyl, methylcyclohexenyl,
- cyclohexyl substituted by 1-2 alkyl groups, the alkyl groups containing each 1-2 carbon atoms and standing preferably in the 4-position of the cyclohexyl radical,
- chlorocyclohexyl, lower alkoxy-cyclohexyl,
- endomethylene-cyclohexyl, endomethylene-cyclohexenyl, endomethylene-cyclohexylmethyl or endomethylene-cyclohexenylmethyl,
- nortricyclyl,
- admantyl, and their physiologically tolerable salts, which process comprises fixing in known manner water onto correspondingly substituted carbodilimides, and, if desired, converting the reaction products so obtained into their physiologically tolerable salts by treatment with an alkaline agent.

CLASS 32F, & F_{3d} & 60X.e.

141025.

Int. Cl.-C07c 143/78.

PROCESS FOR PREPARING BENZENESULFONYL-UREAS.

Applicant : HOECHST AKTIENGESSELLSCHAFT (FORMERLY KNOWN AS FARBWERKE HOECHST A.G. VORMALS MEISTER LUCIUS & BRUNING), (FORMERLY OF 45, BRUNING STRASSE, FRANKFURT/MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : HELMUT WEBER, WALTER AUMULLER
RUDI WEYER AND KARL MUTH.

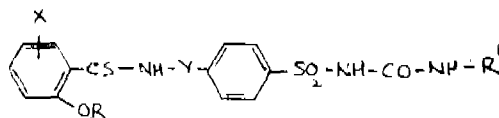
Application No. 1456/Cal/75 filed July 25, 1975.

Division of Application No. 112673 filed October 6, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for preparing benzenesulfonyl-ureas of the formula shown in fig. 1.



in which Y represents $-\text{CH}_2\text{CH}_2-$, $-\text{CH}(\text{CH}_3)-$, $-\text{CH}_2-$ or $-\text{CH}_2\text{CH}(\text{CH}_3)-$,

R represents alkyl containing 1 - 5 carbon atoms, preferably methyl, low molecular weight alkenyl, methoxymethyl, ethoxymethyl, methoxyethyl or ethoxy-ethyl,

X represents halogen, preferably chlorine, low molecular weight alkyl, preferably methyl, low molecular weight alkoxy, preferably methoxy or trifluoromethyl, R^1 represents

- alkyl containing 3-6 carbon atoms,
- cycloalkyl containing 5-8 carbon atoms,
- cyclohexyl substituted by 1-2 alkyl groups, the alkyl groups containing each 1-2 carbon atoms and standing preferably in the 4-position of the cyclohexyl radical,
- chlorocyclohexyl, lower alkoxy-cyclohexyl,
- endomethylene-cyclohexyl, endomethylene-cyclohexylmethyl, or,
- nortricyclyl,
- admantyl, and their physiologically tolerable salts, which process comprises hydrogenating in known manner corresponding benzenesulfonyl-ureas which contain unsaturated linkages (as described hereinbefore) in the molecule, and, if desired, converting the reaction products so obtained into their physiologically tolerable salts by treatment with an alkaline agent.

CLASS 32F, & F_{3d} & 60X.c.

141026

Int. Cl.-C07c 143/78.

PROCESS FOR PREPARING BENZENESULFONYL-UREAS.

Applicant : HOECHST AKTIENGESSELLSCHAFT (FORMERLY KNOWN AS FARBWERKE HOECHST A.G. VORMALS MEISTER LUCIUS & BRUNING), OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNING-STRASSE, FRANKFURT/MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : HELMUT WEBER, WALTER AUMULLER
RUDI WEYER AND KARL MUTH.

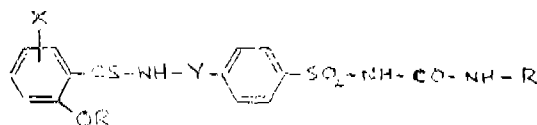
Application No. 1457/Cal/75 filed July 25, 1975.

Division of Application No. 112673 filed October 6, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

Process for preparing benzenesulfonyl-ureas of the formula shown in fig. 1.

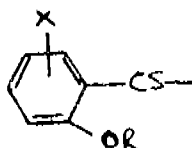


in which Y represents $-\text{CH}_2\text{CH}_2-$, $-\text{CH}(\text{CH}_3)-$, $-\text{CH}_2-$ or $-\text{CH}_2\text{CH}(\text{CH}_3)-$,

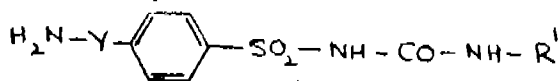
R represents alkyl containing 1 - 5 carbon atoms, preferably methyl, low molecular weight alkenyl, methoxymethyl, ethoxymethyl, methoxyethyl or ethoxy-ethyl,

X represents halogen, preferably chlorine, low molecular weight alkyl, preferably methyl, low molecular weight alkoxy, preferably methoxy or trifluoromethyl, R^1 represents

- (a) alkyl containing 3-6 carbon atoms,
- (b) cycloalkyl containing 5-8 carbon atoms,
- (c) cyclohexenyl, methylcyclohexenyl,
- (d) cyclohexyl substituted by 1-2 alkyl groups, the alkyl groups containing each 1-2 carbon atoms and standing preferably in the 4-position of the cyclohexyl radical,
- (e) chlorocyclohexyl, lower alkoxy-cyclohexyl,
- (f) endomethylene-cyclohexyl, endomethylene-cyclohexenyl, endomethylene-cyclohexylmethyl or endomethylene-cyclohexenylmethyl,
- (g) nortricycyl,
- (h) adamantyl, and their physiologically tolerable salts, which process comprises introducing in known manner by acylation the radical of the formula shown in Fig. 2.



into benzenesulfonyl-ureas of the formula shown in Fig. 3.



and, if desired, converting the reaction products so obtained into their physiologically tolerable salts by treatment with an alkaline agent.

CLASS 27-I.

141027.

Int. Cl.-E02b 3/10, E02b 7/00.

CRIBBING PLATE FOR SECURING CONDUIT TRENCHES OR THE LIKE.

Applicant & Inventor: JOSEF KRINGS, OF D-5138, HEINSBERG OBERBRUCH, HANS-BOCKLER-STRASSE 23, GERMAN FEDERAL REPUBLIC.

Application No. 1471/Cal/75 filed July 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A cribbing plate for use in shoring conduit trenches and the like, said cribbing plate being of a flat box construction and comprising a peripheral frame of shaped metal members including uprights and horizontal frame members, a plurality of horizontal reinforcing members positioned within said frame in spaced parallel relation and secured to said uprights, a plurality of upright tubular members extending through said horizontal reinforcing members and having end portions secured to said horizontal frame members, said horizontal reinforcing members each being of a C-shaped cross section and including spaced opposed horizontally disposed terminal flanges, the dimension of said tubular members in the direction of the spacing between said terminal flanges being at least as great as the spacing between said opposed terminal flanges with said terminal flanges abutting against said tubular members and reinforcing said horizontal reinforcing members against inward collapse, and covering sheets secured to opposite sides of said frame.

CLASS 32F**b**.

141028.

Int. Cl.-C07d 41/06.

PROCESS FOR THE RECOVERY OF Σ -CAPROLACTAM FROM REACTION MIXTURE OF Σ -CAPROLACTAM AND SULPHURIC ACID.

Applicant: STAMICARBON B. V., OF P.O. BOX 10, GELEEN, THE NETHERLANDS.

Inventors: ABRAHAM HERMANUS DE ROOIJ AND JAN ELEMENDORP.

Application No. 1506/Cal/75 filed July 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for the recovery of Σ -caprolactam from a reaction mixture of Σ -caprolactam and sulphuric acid, comprising neutralizing the said sulphuric acid with ammonia in the presence of water under superatmospheric pressure in the absence of ammonium sulphate crystals and/or mother liquor containing ammonium sulphate, removing the heat of neutralization by evaporation of water to form steam whereby the neutralized mixture is separated into a lactam layer and an aqueous ammonium sulphate layer, and if desired, treating the separated aqueous ammonium sulphate layer in a manner such as herein described.

OPPOSITION PROCEEDINGS

The opposition entered by The Associated Cement Companies Ltd., to the grant of a patent on application No. 135321 made by F. L. Smidh & Co. A/S as notified in Part III, Section 2 of the Gazette of India dated the 27th April 1974 has been partly allowed and a patent has been ordered to be sealed on the application with amendments in the specification.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

105708 105814 105931 105967 106033 106036 106063 106064
106206 106295 106314 106457 106702 106805 106815 106973
106998 107130 107185 107211 107234 107248 107249 107251
107253 107254 107276 107315 107344 107354 107433 107510
107529 107549 107638 107683 107705 107749 107783 107834
107853 106860 107971 107972 107996 108080 108200 108226
108529 108815 109210 109265 109293 109373 109490 109588
109640 109657 109671 109777 109965 110085 110184 110320
110387 110463 110502 110509 110513 110548 110647 110740
111022 111098 111171 111178 111259 111277 111393 111643
111767 111873 111948 111951 112149 112497 112519 112538
112646 112964 113176 114069.

(2)

109119 109122 109150 109166 109177 109181 109186 109206
109207 109239 109249 109286 109353 109365 109414 109515
109695 109839 109909 110453 110462 110490 110491 110496
110531 110532 110540 110542 110550 110711 110784 110791
110864 110944 110999 111039 111080 111095 111330 111344
111388 111392 111662 111675 111694 111716 111785 111901
111998 112069 112080 112103 112106 112552 112759 112895
113001 112756 113893 114300 114461 115676 116267 116348

(3)

117596 117616 117619 117628 117674 117677 117684 117694
117723 117761 117789 117811 117839 117906 117974 118031
118340 118420 118478.

PATENTS SEALED

103066 105131 122822 126646 131542 136506 137826 138185
138486 138651 138671 138706 138709 138772 138803 138815
138819 138820 138854 138861 138865 138866 138867 138868
138871 138873 138876 138877 138880 138886 138887 138890
138892 138895 138898 138903 138922 138923 138931 138943
138947 138967 138978 138997 139032 139047.

CORRECTION OF CLERICAL ERRORS
UNDER SECTION-78

(1)

The title of the application and specification of the application for Patent No. 137826 the acceptance of the complete specification of which was notified in the part-III, Section-2 of the Gazette of India dated the 27th September 1975 has been corrected under sub-section (3) of the Section 78 of the Patent Act, 1970.

(2)

The title of the application and specification of the application for Patent No. 138706 the acceptance of the complete specification of which was notified in part-III Section 2 of the Gazette of India dated the 20th March 1976 has been corrected under sub-section (3) of the Section 78 of the Patents Act, 1970.

(3)

The title of the application and specification of the application for Patent No. 138709 the acceptance of the complete specification of which was notified in Part-III, Section -2 of the Gazette of India, dated the 20th March 1976 has been corrected under sub-section (3) of the Section 78 of the Patents Act, 1970.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Harbans Lall Malhotra & Sons Private Ltd., of 12, New C. I. T. Road, Calcutta-12, an Indian Company have made an application under Section 57 of the Patents Act, 1970 for amendment of the application and specification of their application for patent No. 130667 for "Razor Blades" by changing their name and address therein to Harbans Lall Malhotra & Sons Ltd., 226/2, Acharya Jagadish Chandra Bose Road, Calcutta-700020. The amendments are by way of correction. The application for

amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Phillips Petroleum Company, a corporation of organized under the laws of the State of Delaware, United States of America of Bartlesville, State of Oklahoma, United States of America have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 130927 for "Improvements in microbiological aerobic fermentation process". The amendments are by way of correction in order to correctly word claim 2. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

The amendment proposed by Johnson & Johnson in respect of patent application No. 138957 as advertised in part III Section 2 of the Gazette of India dated the 29th May 1976 has been allowed.

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1975 generally on account of want of requests for Licences to work the patented inventions, persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

LIST No. I

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief title of the invention
1	2	3	4	5
1.	74362	5-12-1960	F. Hoffmann La Roche & Co. A.B., Grenzacher Strasso, Basle, Switzerland.	1, 4 -benzodiazepine derivative.
2.	74363	5-12-1960	Do.	Do.
3.	74368	5-12-1960	Do.	Do.
4.	75731	20-4-1972	The Wellcome Foundation Ltd., 183-193, Euston Rd, London N.W.,	Methylsychotsini.
5.	76854	20-4-1972	Dr. Karl Thomae Gesellschaft, mit beschränkter Haftung, Riberach a.d., Riss, Federal Republic of Germany.	Carbinols with substituted basic groups.
6.	77285	20-4-1972	Parke Davis & Co, Joseph Campau Avenue.	Anthranilic and derivatives.
7.	77290	20-4-1972	Biofarma, 4, Rue Delean Neuilly-Sur Seine France.	Movel derivatives of piperazine.
8.	77755	20-4-1972	Semp-Chinic, 20 rues des Fosses san Jaynes, Paris, France.	Preparation from the bain.
9.	77795	20-4-1972	F. Hoffmann La Roche & Co. A.G., Grenzacher Strassle, Basle, Switzerland.	Sulfonamides of the pyridine group.

1	2	3	4	5
10.	78001	20-4-1972	Mallinckrodt Chemical Works, 3600 North Second Str, Sain Louis, Missouri, U.S.A.	Novel isophthalic acid derivatives.
11.	78135	19-8-1961	F. Hoffmann La Roche & Co., A.G. 124—184 Crenzacher Strasse, Basle, Switzerland.	Triol Compounds.
12.	78136	19-8-1961	F. Hoffmann La Roche & Co., A.G. 125—184 Crenza-cher Strasse, Basle, Switzerland.	Cosmetic preparation.
13.	78481	20-4-1972	Bayer Aktiengesellschaft, 22C Leverkusen-Bayer-work, Federal Republic of Germany.	Substituted sulfonamides.
14.	78501	20-4-1972	Harchel Smith, 500 Chestnut Lanes, Wayne, Delaware County Pennsylvania, U.S.A.	Steroidal compounds.
15.	78502	20-4-1972	Do.	Steroidal substances.
16.	78818	20-4-1972	Egyesult Gyogyszer ES Tapszargyar, 30 38, Kereszburiut, Budapest X, Hungary.	New-palkyl benzyl triopinium derivatives.
17.	79373	20-4-1972	Behringwerke AG., Marburgh/Lahu, Federal Republic of Germany.	Disaggregated gammag lobuline.
18.	79384	20-4-1972	American Home Products Corp, 685 Third Avenue, New York-17.	Penicillin derivatives & pharmaceutically acceptable salts thereof.
19.	79443	20-4-1972	Pfizer Inc. 235 East 42nd Street, New York.	6-methylene-5 oxytetracycline.
20.	79617	20-4-1972	Bristol Myers Co, East Syracuse, New York.	Alphamino banzyl penicilline.
21.	79935	20-4-1972	Parke-Davis & Co, Joseph Campau Avenue, River Detroit, Michigan, U.S.A.	New dibenzo diazepine derivatives.
22.	80003	20-4-1972	F. Hoffmann La Roche & Co, AG, 124—184 Cranzacher-strasse, Basle, Switzerland.	Novel ethers.
23.	80347	20-4-1972	Parke Davis & Co, Joseph Campan Avenue, River Detroit, Michigan, U.S.A.	2, 4-diamino-5-(p-chlorophenyl)-6 ethyl pyrimidine salts.
24.	80348	20-4-1972	Do.	Salts of 4, 6 diamino-1, 2-dihydro-2-lower alkyl-1-aryl-o-triazine with 4, 4'-methylene bis 3 hydroxy-2-naphthonic acid).
25.	80528	20-4-1972	Chinoin Gyogyrzer-ES Vegyerzeti Termekekgyara R.T. 1—5 To Utca, Budapest IV, Hungary.	New alkyl-sulphonic acid esters.
26.	80677	20-4-1972	EL Lilly & Co, 740 South Alabama Street, Indianapolis, Indiana, U.S.A.	Novel alkaloids.
27.	80852	20-4-1972	Herchel Smith, 500 Chestnut Lane, Wayne, Delaware County, Pennsylvania, U.S.A.	Poly-cyclic aromatic dine compounds.
28.	80978	20-4-1972	Bristol Myers Co, East Syracuse, New York.	Alphaamino benzyl penicilline.
29.	80985	20-4-1972	Dr. Karl Thomae Gesellschaft Mit Beschränkter Haftung, Biberach an der Riss, Federal Republic of Germany.	Novel derivatives of piperdine.
30.	81049	20-4-1972	The Wellcome Foundation Ltd., 183—193 Euston Rd; London N.W.1.	Polymyxins.
31.	81170	20-4-1972	Henri Morren Dr. SC, 171 Avenue Jupiter, Forest Brussels, Belgium.	New piperazine derivatives.
32.	81281	20-4-1972	American Cynamid Co, 30 Rockefeller Plaza, New York.	Antibiotic preparation.
33.	81462	20-4-1972	American Home Products Corp, 685 Third Avenue, New York-17.	Benzodiazepine compounds.
34.	81506	29-3-1962	Dr. Beck & Co (I) Ltd, 147, Bombay Poona Rd, Pimpri, Poona-411018.	Lacquers.
35.	81765	20-4-1972	Mead Johnson & Co, Evansville, Indiana, U.S.A.	Therapeutic composition.
36.	82217	20-4-1972	Parke Davis & Co, Joseph Company Avenue, River Detroit, Michigan, U.S.A.	New Staphylococcal antigen products.
37.	82472	20-4-1972	Eli Lilly & Co, 740, South Alabama Street, Indianapolis 6, Indiana.	New cephalosporin compounds.
38.	82539	20-4-1972	Parke Davis & Co, Joseph Company Avenue, River Detroit, Michigan, U.S.A.	Novel pyrrolidine compounds.

1	2	3	4	5
39.	82605	20-4-1972	Spofa Sdntzeni Podriku, No. 11a, Husinecka, Prague 3, Czechoslovakia.	6-11 dihydrodibenz- (B-E) thiepin.
40.	82772	15-6-1962	Nissan Kagaku Kogyo Kabushiki Kaisha, 2 of No 2 1-chome, Nihonbashi, Honcho, Chuo-ku, Tokyo.	Complex fertilisers.
41.	82813	20-4-1972	Parke Davis & Co, Joseph Company Avenue, River Detroit, Michigan, U.S.A.	1-(2-pyridyl)-1-propene compounds.
42.	82861	19-6-1962	F. Hoffmann-La Roche & Co, AG, 124—184, Grenzacher Strasse, Basle, Switzerland.	Hair treating compositions.
43.	83066	20-4-1972	The Wellcome Foundation Ltd, 183—193, Rustan Rd, London N.W.1.	2-4-diaminopyrido [2, 3-d] pyrimidines.
44.	83482	20-4-1972	Dr. Karl Thomae Gesellschaft Mit Beschränkter Haftung, Biberach an der Riss, Federal Republic of Germany.	2-(5, 6, 7, 8-tetrahydronaphthylamino) imidazolinic & the acid addition salts thereof.
45.	83678	20-4-1972	Do.	New steroid esters.
46.	83870	25-8-1962	Monsanto Co, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Alpha-haloacetamides.
47.	84828	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Separation of proralen & isoproralen.
48.	83900	28-8-1962	Monsanto Co, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Aqueous detergent slurry composition.
49.	84235	20-4-1972	Deutsche Gold Und Silber Scheideanstalt Vormals Roesstar, 9 Weissfrauen Strasse, Frankfurt/Main, Federal Republic of Germany.	Azaphenthiazines.
50.	84246	20-4-1972	F. Hoffmann-La Roche & Co, AG, 124—184 Grenzacherstrasse, Basle, Switzerland.	Novel therapeutic compositions.
51.	84260	20-4-1972	Do.	Tetrahydro-iso-quinoline derivatives.
52.	84679	20-4-1972	Herchel Smith, 500 Chestnut Lane, Wayne, Delaware, County, Pennsylvania, U.S.A.	Unsaturated steroid compounds.
53.	84680	20-4-1972	Do.	14, dihydro aromatic steroid compounds.
54.	84681	20-4-1972	Do.	Steroid Ketones related to 19 horticostosterone.
55.	84683	20-4-1972	Do.	17 alkyl steroid ketones related to 19-nortestosterone.
56.	84684	20-4-1972	Do.	17 alkyl steroid ketones.
57.	84972	20-4-1972	Labaz, 39 Avenue Pierre Ler de Serbie, Paris 89, France.	New benzofuran derivatives.
58.	85119	20-4-1972	Parke Davis & Co, Joseph Compau Avenue, River, Detroit, Michigan, U.S.A.	N-(2, 3 dimethyl phenyl) anthranilic acid.
59.	85120	20-4-1972	Do.	Do.
60.	85121	20-4-1972	Do.	Do.
61.	85122	20-4-1972	Do.	Do.
62.	85123	20-4-1972	Do.	Do.
63.	85124	20-4-1972	Do.	Do.
64.	85125	20-4-1972	Do.	Do.
65.	85126	20-4-1972	Do.	Do.
66.	85127	20-4-1972	Do.	Do.
67.	85128	20-4-1972	Do.	N(2, 3-dimethyl phenyl) anthranilic acid & salts with bases thereof.
68.	85130	20-4-1972	Do.	Do.

1	2	3	4	5
69.	85131	20-4-1972	Parke Davis & Co, Joseph Compau Avenue, River Detroit, Michigan, U.S.A.	N (2, 3-dimethyl phenyl) anthanilic acid & salts with bases thereof.
70.	85132	20-4-1972	Do.	Esters of N-(2, 3-dimethyl-Phenyl) anthranilic acid.
71.	85500	6-12-1962	Dr. Beck & Co (I) Ltd, 147 Bombay-Poona Rd, Pimpri, Poona-411018.	Non-flammable hardenable synthetic resins for electro chemical uses.
72.	85502	6-12-1962	Do.	Non-linear hardenable & neutral synthetic resins.
73.	86113	20-4-1972	Scherico Ltd, Falkengasse-2 Lucerne, Switzerland.	Hydrohalogenation of 9,11 epoxy steroids.
74.	86514	20-4-1972	F. Hoffmann-La Roche & Co, AG, 124-184 Grenzacherstrasse, Basle, Switzerland.	Benzodiazepine derivatives.
75.	86705	20-4-1972	Do.	Do.
76.	87276	20-4-1972	Deutsche Gold und-silber Scheideanstalt Vormal's Roessler, 9 Weissfrauenstrasse, Frankfurt/Main, Federal Republic of Germany.	New pyridine derivatives.
77.	87541	20-4-1972	F. Hoffmann-La Roche & Co, AG, 124—184 Grenzacherstrasse, Basle, Switzerland.	Cobalt organic compounds.
78.	87733	20-4-1972	Nippon Soda Kabushiki Kaisha No. 2-1, 2-chome, Otemachi Choyoda-ku, Tokyo, Japan.	Preparing aryl N-substituted thionocarbamates.
79.	87937	20-4-1972	American Home Products Corp., 685 Third Avenue, New York-17.	1, 3-dihydro-5-aryl-3-carboxy-acyloxy-2H-1, 4-benzodiazepin-2-one compounds.
80.	88014	17-5-1963	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166, U.S.A.	Detergent compositions.
81.	88403	13-6-1963	Do.	Rigid polyvinyl chloride compositions.
82.	88563	22-6-1963	Food Techniques Inc., 998 Geliye Avenue, San Jose, California, U.S.A.	Treating oleaginous seed.
83.	88583	24-6-1963	Dr. Beck & Co, (I) Ltd, 147 Bombay Poona Rd, Pimpri, Poona-411018.	Modified polyesters.
84.	88612	25-6-1963	F. Hoffmann La Roche & Co, AG, 124—184, Grenzacherstrasse, Basle, Switzerland.	γ - δ unsaturated carbonyl compounds.
85.	88820	8-7-1963	Food Techniques Inc, 998 Geliye Avenue, San Jose, California, U.S.A.	Isolation of vegetable proteins.
86.	89012	20-4-1972	Rhone-Poulenc S.A., 22 Avenue Montaigne, Paris, France.	Steroid compounds.
87.	89273	20-4-1972	Roussel uclaf, 35 Boulevard des Invalides, Paris 7eme, France.	Novel steroid compounds.
88.	89465	17-8-1963	Dr. Beck & Co, (I) Ltd, 147 Bombay Poona Rd, Pimpri, Poona-411018.	Electrical components having coating thereof.
89.	89487	20-4-1972	The Wellcome Foundation Ltd, 183—193, Euston Road, London.	Vaccines.
90.	89927	20-4-1972	Lipha Lyonnaise Industrielle Pharmaceutique 115 Avenue Lacassagne, Lyon 3eme, France.	Diethylaminoethyl Beta-(1-naphthyl) beta-tetrahydrofuryl isobutyrate.
91.	90071	20-4-1972	Scherico Ltd, Falkengasse-2 Lucerne, Switzerland.	Novel antibiotics.
92.	90276	20-4-1972	Hoechst A.G., 6230 Frankfurt Main, Federal Republic of Germany.	Sulfamyl anthranilic acids.
93.	90319	16-10-1963	Dr. Beck & Co, (I) Ltd, 147 Bombay Poona Rd, Pimpri 411018, India.	Ester line condensation product.
94.	90481	20-4-1972	Smithkline Corp; 1500 Spring Garden Street, Philadelphia, Pennsylvania 1910, U.S.A.	9-amino alkylacridans & salts thereof.
95.	90584	20-4-1972	Roussel-Uclaf, 35 Blvd. des Invalides, Paris 7eme, France.	New hydroindance derivatives.
96.	90746	20-4-1972	I.C.I. Ltd, Imperial Chemical House, London, S.W.1.	Naphthalene derivatives.
97.	90980	20-4-1972	The Wellcome Foundation Ltd, 183—193, Euston Road, London, N.W.1,	Sulfomethyl polymyxins.

1	2	3	4	5
98.	90982	26-11-1963	F. Hoffman-La Roche & Co, AG, 124—184 Grenzacherstrasse, Basle, Switzerland.	Amino carboxylic acids.
99.	91165	20-4-1972	Roussel-Uclaf, 35 Blvd. des Invalides, Paris 7 ^{eme} France.	Tricyclic esters.
100.	91354	20-4-1972	Spofa Sdruzeni Podniki, 11a Husinecka-Prague 3 Czechoslovakia.	3-5 dioxo pyrazolidine derivatives.
101.	91465	20-4-1972	Roussel Uclaf, 35 Blvd. des Invalides, Paris 7 ^{eme} France.	Novel hydroxo-cobalamini iodide.
102.	91601	20-4-1972	Do.	Steroid compounds.
103.	92317	20-4-1972	Mitsui Seika Kaisha Ltd, No. 8, 2-chome, Kyobashi, Chuo-ku, Tokyo.	Blasticidins by cultivation of novel strain of streptomycin.
104.	92410	20-4-1972	Warner Lambert Pharmaceutical Co, 201, Tabor Rd, Morris Plains, New Jersey, U.S.A.	Novel substituted 1, 4-benzodiazepines.
105.	92411	20-4-1972	Do.	Substituted 1, 4-benzodiazepines.
106.	92480	20-4-1972	Crown Zellerbach Corp, 1 Bush Street, San Francisco, U.S.A.	Membrane penetrant compositions.
107.	92497	20-4-1972	Bayer Aktiengesellschaft 22 C, Leverkusen-Bayer werk, Federal Republic of Germany.	5-Nitrofurfurylidene-(2) derivatives.
108.	92573	3-3-1964	Bohringwerke AG, Marburgh/Lahn, Federal Republic of Germany.	Foot & mouth disease viruses adapted to tissue cultures.
109.	92884	20-4-1972	The Wellcome Foundation Ltd., 183-193, Euston Road, London, NW-1.	Amidines.
110.	92996	20-4-1972	Hoechst A. G., 6230 Frankfurt Main, Federal Republic of Germany.	Sul-famylanthranilin acids.
111.	93201	20-4-1972	Michiro Inoue, 12 Tada-machi, Nakano-ku, Tokyo, Japan.	Novel bis (hydroxymethyl) pyridine.
112.	93230	9-4-1964	Toyo Sui-I Kabushiki Kaisha, No. 18, 2-chome, Narunoichi, Chiyoda-ku, Tokyo.	Degummed bast fibres.
113.	93331	25-8-1962	Monsanto Co. 800 North Lindbergh Blvd. St. Louis, Missouri 63166, USA.	Herbicidal composition.
114.	93832	28-8-1962	Do.	Inorganic phosphate composition.
115.	93957	27-5-1964	Do.	Mineral reinforced polymeric compositions.
116.	93998	20-4-1972	John Wyeth & Brother Ltd., Huntercombe Lane. South, Tap low, Malden head, Berkshire, England.	Acetoxymethylbenzyl penicillins.
117.	94209	20-4-1972	Bohringwerke AG, Marburgh/Lahn., Federal Republic of Germany.	Vaccine against foot & mouth disease.
118.	94242	Do.	Egypt Gyogyszervegyesti Gyar, Kereszturi ut 30-38, Budapest X, Hungary.	Preparation 3-(3'-4'-dihydroxyphenyl)-2 methyl alanine.
119.	94766	Do.	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Jatamansi root oil sand isolation of coumarin constituent therefrom.
120.	94924	Do.	Roussel-Uclaf, 35 Boulevard des Invalides, Paris 7 ^{eme} , France.	Cyclic chemical compounds.
121.	95887	20-4-1972	UCB Societe Anonyme, 4, Chaussee de charleroi, Saint Gilles-lez-Bruxelles, Belgium.	New esters of secondary amino alcohols.
122.	96489	20-4-1972	Stamicarbon N. V., 2 Van der Maesenstraat, Heerlen, The Netherlands.	Optically active lysine.
123.	96655	23-10-1964	Monsanto Co. 800 North Lindbergh Blvd, St. Louis, Missouri 63166, USA.	Monomeric aromatic azo alkane compounds & herbicidal composition.
124.	96714	20-4-1972	American Home Products Corp., 685 Third Avenue, New York City 17.	3-acylamido-5 (aryl or heteroaryl)-1, 3-dihydro-2H-1, 4-benzodiazepin 2-ones.
125.	96757	30-10-1964	Monsanto Co. 800 North Lindburgh Boulevard, St Louis, Missouri 63166, U. S. A.	Polymerising lactams.
126.	96773	20-4-1972	Crown Zellerbach Corp., 1 Bush Street, San Francisco, U. S. A.	Dialkyl-sulfoxides.

1	2	3	4	5
127.	96816	2-12-1964	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166, U. S. A.	Herbicidal compositions containing alpha-halo acetamides.
128.	97212	20-4-1972	The Wellcome Foundation Ltd; 183-193, Euston Rd. London, N. W. 1.	Guanidine.
129.	97337	20-4-1972	Sun Research & Development Co. 1608 Walnut Street, Pennsylvania, U. S. A.	Salicylic acid.
130.	97924	9-2-1965	F. Hoffmann-La Roche & Co. AG, 124-184, Grenzacherstrasse, Basle, Switzerland.	Extraction column.
131.	97931	20-4-1972	Hoechst A. G., 6230 Frankfurt/Main, Federal Republic of Germany.	Sulfonylanthranilic acid.
132.	98241	2-3-1965	Monsanto Co, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U. S. A.	Herbicidal N-formyl alpha-haloacetamides.
133.	98558	20-4-1972	Parke Davis & Co. Joseph Campau Avenue, River, Detroit, Michigan, U. S. A.	New nitrostilbene compounds & salts thereof.
134.	99313	20-4-1972	Meiji Seika Kaisha Ltd., No. 8, 2-chome Kyobashi, Chuo-ku, Tokyo.	Agricultural anti-bacterial agent.
135.	99315	20-4-1972	Daichi Sengaku Co. Ltd., 2 No. 1, 3-chome, Edobashi, Nihonbashi, Tokyo.	Trans-4-amino-methylcyclohexane carboxylic acid.
136.	99713	20-4-1972	The Wellcome Foundation Ltd, 183-193, Euston Rd, London, N. W. 1.	Stable solution of insulin.

List No. II

1.	98240	2-3-1965	Monsanto Co; 800 North Lindbergh Blvd, St. Louis, Missouri 63166, U. S. A.	Herbicidal N, N-diacylanilide.
2.	99846	20-4-1972	American Cyanamid Co, State of Maine, U. S. A.	Preparing lower alkoxy pyridyl acetones.
3.	100051	20-4-1972	Clin Midy, 20 rue des Fosses Saint-Jacques Paris.	Benzodiazepine derivatives.
4.	100112	20-4-1972	Karamchand Premchand Pvt., Ltd. P. Box No. 28, Ahmedabad	Isonicotinic acid hydrazide from isonicotinamide obtained from 4-cyanopyridine.
5.	100123	20-4-1972	Parke Davis & Co. Joseph Campau Avenue, River, Detroit, Michigan, U. S. A.	Anthranilic acid derivatives.
6.	100174	20-4-1972	Do.	2-methylamino-2-(o-chloro phenyl) cyclohexanone & acid addition salts thereof.
7.	100329	20-4-1972	Stamcarbon N. V., Van der Naesenstraat 2, Heerlen, The Netherlands.	Methionine.
8.	100331	20-4-1972	The Wellcome Foundation Ltd, 183-193 Euston Rd, London, N. W. 1.	Novel amidines
9.	100430	20-4-1972	Spofa 11a, Husinecka, Praha 3, Czechoslovakia.	Isolation of Bacitracin.
10.	100565	20-4-1972	Stamcarbon N. V., Van Der Maesenstraat 2, Heerlen, The Netherlands.	Optically active pyrrolidene carboxylic acid,
11.	100790	20-4-1972	Ceskoslovenska Akademic, No. 3, Narodu-Praha, Czechoslovakia-9.	Peptides with anti-shock activity.
12.	100954	20-4-1972	UCB, Societe Anonyme, 4 Chaussee de Charleroi Saint Gilles, Bruxelles, Belgium.	New N-substituted Lactams.
13.	201071	20-4-1972	Parke Davis & Co. Joseph Campau Avenue, at the River, Detroit, Michigan, U. S. A.	New Organic amines.
14.	101490	7-9-1965	F. Hoffmann-La Roche & Co. AG., 124-184 Grenzacherstrasse, Basle, Switzerland.	Indan compounds.
15.	101541	13-9-1965	Do.	Do.
16.	101542	13-9-1965	Do.	A composition for controlling weeds.
17.	101543	13-9-1965	Do.	Do.
18.	101627	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Isolation of a blood sugar lowering principle from the seeds of a engenia jambolana-
19.	101684	20-4-1972	Rikagaku Kenkyusho, 31 Komagone-Kanifujima-cho, Bunkyo ku, Tokyo, Japan.	New Antibiotic polyoxines A & B.

1	2	3	4	5
20.	101824	20-4-1972	Herchel Smith, 500 Chestnut Lane, Wayne, Delaware County, Pennsylvania, U. S. A.	Steroid compounds.
21.	101855	20-4-1972	Stamicarbon N, V., Van de Maesenstraat 2, Heerlen, The Netherlands.	Recovery of methonine ore salt from an aqueous ammonium sulfate.
22.	101859	20-4-1972	Kabushiki Kaisha Yakult Honsha of No. 6, 3-chome, Nihonbashi Han cha, Chou-ku, Tokyo, Japan.	Industrial Cultivation of unicellular green algae.
23.	101860	20-4-1972	Do.	Do.
24.	101892	20-4-1972	Spofa Jia Husenecku, Praha, Czechoslovakia.	Biologically active compounds bacitracin sparingly soluble in water.
25.	102120	20-4-1972	Scientific Adviser to the Ministry of Defence, New Delhi-II.	Survived food compositions.
26.	102158	20-4-1972	I. C. I. Ltd., Imperial Chemical House, Millbank, London, S. W. 1.	Purification of impure halothane.
27.	102438	9-10-1965	Perstorp AB, Perstorp/Sweden.	Catalyst for oxidation of methanol to formaldehyde.
28.	102676	20-4-1972	Council of Scientific and Industrial Research, Ruff Marg, New Delhi-I.	Isolation of blood sugar lowering principle from the leaves of riveacunneata.
29.	102724	20-4-1972	I. C. I. Australia Ltd., 1, Nicholson Street, Melbourne, Victoria, Australia.	Bicyclo (2, 2, 2) oct-5-ene-2, -3 dicarboxylic anhydrides
30.	102758	30-11-1965	Production Technology Inc., 6513, Galena Rd, Peoria, State of Illinois 61614, U. S. A.	Bonding.
31.	102909	20-4-1972	Detteche Gold und Silber Scheideanstalt Vormalis Roessler, 6, Frankfurt (Main) 1, Postfach 3993, West Germany.	Basic substituted alkyl Xanthine derivatives.
32.	103136	27-5-1964	Monsanto Co, 800 North Lindbergh Blvd., St Louis, Missouri 63166, U. S. A.	Polyamides containing silane end groups.
33.	103168	20-4-1972	Imperial Chemical Industries Ltd: Imperial Chemical House, Millbank, London, S. W. 1.	Purification of impure halothans.
34.	103306	20-4-1972	Eli Lilly & Co, 740 South Alabama Street, City of Indianapolis, U. S. A.	Cephalosporin CA antibiotics.
35.	103331	6-1-1965	Commonwealth Scientific & Industrial Research Organisation, 314 Albert Street, East Melbourne, Victoria.	Treatment of heavy mineral concentrate for the purpose of removing surface staining.
36.	103779	5-2-1966	Chiyoda Kako Kensetsu Kabushiki Kaisha No. 12, 3-chome Akasaka-Tamachi, Minato-ku, Tokyo, Japan.	Methallyl chloride.
37.	103857	20-4-1972	Roussel-Uclaf, 35 Blvd des Invalides Paris 7 ^{ème} , France.	Derivatives of cyclopentanohydronaphthalene
38.	103858	20-4-1972	Do.	Steroid compounds
39.	103975	20-4-1972	Eli Lilly & Co., 740 South Alabama Street City of Alabama Street, City of Indianapolis, U. S. A.	Antibiotic.
40.	103985	20-4-1972	The Wellcome Foundation Ltd., 183-193, Euston Rd, London, N. W. 1.	Insulin.
41.	104163	Do.	Do	Composition containing sulphaquinoxaline and diaveridine.
42.	104300	30-12-1974	Banyu Pharmaceutical Co. Ltd, 7, 2-chome, Nehenbashi, Konchoh, Tokyo, Japan.	Pyridinedimethanol bis-carbamate derivatives.
43.	104368	20-4-1972	Parke, Davis & Co, Joseph Campau Avenue at the River, Detroit, Michigan, U. S. A.	2-(ethylamino)-2-(4-treiny) cyclohexanone and acid addition salts thereof.
44.	104518	24-3-1966	Chiyoda Kako Kensetsu Kabushiki Kaisha, 12, 3-chome Tamachi, Akasaka, Minato-1 ku, Tokyo.	Epoxy resin condensates.
45.	104701	4-4-1966	Osterreichisch Amerikanische Magnesit A.G., Radenthein, Austria.	Unfired refractory bricks & composition of maganesia chorme & chrome-magnesia.
46.	104950	20-4-1972	Parke Davis & co, Joseph Campau Avenue at the River, Detroit, Michigan, USA.	New 2-phenoxy-2 phenylacetamides.

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47.	105078	20-4-1972	F. Hoffmann-La Roche & Co. AG., 124-184-Grenzacherstrasse, Basle, Switzerland.	Nitroimidazoles.
48.	105403	23-5-1966	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166, USA.	Insecticidal compositions containing 2'5 dichloro-4' nitrosalicylanilides.
49.	105484	20-4-1972	Salvatore Louis Santorelli, 160-14, Tenth Avenue, Beechhurst, New York City, New York.	Therapeutic compositions.
50.	105597	6-6-1966	Ralph Stokes Cooley, 1710 Telephone Rd, Texas, USA.	Anisotropic cold substances.
51.	105812	20-4-1972	Kyowa Hakkō Kogyo Co. Ltd., 4, Ohtemachi-1-chome, Chiyoda-ku, Tokyo.	L-lysine by fermentation.
52.	106223	20-4-1972	Parke Davis & Co, Joseph Compau at the River Detroit, Michigan, USA.	Production of new bisanilide compounds.
53.	106321	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Beta-naphthaldehyde from Beta-methyl naphthalene.
54.	106382	20-4-1972	The Norwich Pharmacal Co, Norwich, New York.	1 [(5 substituted) fur furylideneamino] hydantonic & imidazolidinones.
55.	106434	20-4-1972	Parke Davis & Co, Joseph Compau at the River Detroit, Michigan, USA.	N-Sulfar.
56.	106667	26-8-1965	The Permutit Co. Ltd. Permutit House, gunnersbury Avenue, London W. 4.	Cross-linked porous polymer.
57.	106748	23-8-1966	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166, USA.	Herbicide compositions.
58.	106850	20-4-1972	Centrel National De La Recherche Scientifique, & another, of 15 Quai Anatole France, Paris, France.	New derivatives of phenylbutozones.
59.	106896	20-4-1972	Roussel-Uclaf, 35 Blvd des Invalides, Paris 7eme.	Novel steroid-21-esters.
60.	107009	12-9-1966	Osterreichisch Amerikanische Magnesit AG; Fried Radenthein, Austria.	High refractory magnesite chrome & chrome-magnesite.
61.	107160	20-4-1972	Chemie Grunenthal GmbH, Stollberg in Rheinland, Zweifaller, Str, Federal Republic of Germany.	Esters of alpha-alkyle-thyromine derivatives.
62.	107283	20-4-1972	Herchel Smith, 500 Chestnut Lane, Wayne, Delaware County Pennsylvania, USA.	Steroid thioketals.
63.	107341	4-10-1966	Societe Anonyme Roure Bertrand Dupont, 27 Avenue Pierre Semard Grasse, France.	Novel diketones.
64.	107483	13-10-1965	Laportx Tignium Ltd, Hannover House, 14 Hannover Square, London W1R OBE, England	Treatment of pigments.
65.	107602	20-4-1972	The Wellcome Foundation Ltd; 183-193 Euston Rd, London, N.W. 1.	Phosphonium compounds of secondary amines.
66.	107626	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Preparation of omatropine and its derivatives.
67.	107630	20-4-1972	American Cyanamid Co, Wayne, New Jersey, USA.	dl-6-phenyl -2, 3, 5, 6-tetrahydroimidazo [2, 1-b] triazole.
68.	107697	20-4-1972	The Wellcome Foundation Ltd, 183-193 Euston Rd, London, N. W. 1.	Cyanoacetals & benzyl pyrimidines synthesised therefrom.
69.	108134	20-4-1972	F. Hoffmann La Roche & Co, A.G., 124-184 Grenzacherstrasse, Basle, Switzerland.	Novel pharmaceutical compositions.
70.	108219	20-4-1972	American Home Products Corp., 685 Third Avenue New York.	Conversion of dl 13β-ethyl -17 Beta-hydroxygon-4-en-3 one to a d 13Beta-ethylgon-4-ene-3, -17. dione.
71.	108387	20-4-1972	Ces Koslovenska Akademi, Ved, Praha Czechoslovakia.	Culture for the production of a new antifungal antibiotic.
72.	108457	20-4-1972	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20.	A quaternary ammonium compound as novel antiseptic agent.
73.	108573	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	An electro chemical preparation of para-amino benzoic acid.

1	2	3	4	5
74.	108624	28-12-1966	Owens-Illinois Inc; Toledo, Ohio, USA.	Thermally crystallised glass articles especially light weight telescope mirror blanks.
75.	108636	29-12-1966	Do.	Glass composition, a method of making ceramic articles.
76.	108684	2-1-1967	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166.	Inhibition of the premature vulcanisation of rubber.
77.	108829	11-1-1967	The Bunker Ramo Corp; Oakbrook, North, Oak Brook, Illinois, USA.	Dry lubricant composition
78.	108830	11-1-1967	Do.	Articles such as ceramics or metal coated with alternate layer of lubricant.
79.	108831	11-1-1967	Do.	Dry lubricant coated articles.
80.	108853	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Isolation of constituents of <i>passalum secribiculatum</i> which process tranquillising properties.
81.	108980	20-4-1972	American Home Products, Corp, 685 Third Avenue, New York 17.	13-alkyl-gona-1, 3, 5, (10) 6, 8-pentacens and 13-alkyl gona-1, 3, 5, (10)-8, 14-pentaenes.
82.	109021	25-1-1967	Mississippi Chemical Corp; Highway 49 East Yazoo City, Mississippi, USA.	Stabilised ammonium nitrate compositions.
83.	109068	20-4-1972	Knoll A. G., Ludwigshafen on Rhine, Federal Republic of Germany.	Basically substituted phenylacetnitriles.
84.	109119	31-1-1967	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri-63166.	Alpha chloro acetamides and phyto toxic compositions.
85.	109500	20-4-1972	Smithkline Corp, 1500 Spring Garden Street, Philadelphia, Pennsylvania, USA.	Susbtituted 10-aminoalkyl-9, 10-dihydro antracenes.
86.	109595	20-4-1972	Eli Lilly & Co., 740, South Alabana Street, Indianapolis, USA.	7-alpha-amisobenzyle -3- methyl cephalosporus analogness.
87.	109611	20-4-1972	American Home Products Corp; 685 Third Avenue, New York 17.	13 Beta-alkylgon-5 (10)-en-3Beta-01.
88.	109920	20-4-1972	F. Hoffmann-La Roche & Co, AG; of 124-184 Grenzacherstrasse, Basle, Switzerland.	Novel imidazole.
89.	109953	20-4-1972	American Home Products Corp; 685 Third Avenue, New York 17.	Synthetic penicilins.
90.	110353	20-4-1972	Koninklijke Nederlandsche Gisten Splritusfabriek N.V., Delft, Netherlands.	11 Beta hydroxysteroids.
91.	110354	20-4-1972	Do.	17 alpha-acyloxy-2 hydroxy compounds of the pregnane series.
92.	110430	29-4-1966	Commonwealth Scientific & Industrial Research Organisation, 314 Albert Street, East Melbourne, Victoria.	Anosovite from titaniferous minerals.
93.	110433	20-4-1972	F. Hoffmann-La Roche & Co A.G., 124-184 Grenzacherstrasse, Basle, Switzerland.	Sulfonamide potentiator composition.
94.	110457	20-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi-1.	Production of alpha-naphthaldelyde from alphamethyl naphthalene, a constituent of for oils obtained by both high & low temperature carbonisation.
95.	110557	20-4-1972	Do	Production of nicotinic acid and pyridiner from quinoline a constituent of coko oven tars.
96.	110573	20-4-1972	Bayer Aktiengesellschaft, Leverkusen, Federal Republic of Germany.	Purification of enzyme inhibitors.
97.	110639	20-4-1972	F. Hoffmann-La Roche & Co A.G., 124-184 Grenzacherstrasse, Basle, Switzerland.	1, 2-dihydrobenzo diazeperies.
98.	110754	20-4-1972	Rikagaku Kenkyusho, 38-8, Honkomagome-2-Chome Bunkyo-Ku, Tokyo.	Novel antibiotics polyoxins D.E., F., G&M.

1	2	3	4	5
99.	110859	20-4-1972	American Cyanamid Co, Wayne, New Jersey, USA.	Alpha-2-amino-1-butanol or the acid alpha-tartrate thereof.
100.	111184	21-6-1967	Monsanto Co, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, USA.	Reinforced polyamides.
101.	111342	20-4-1972	Stamcarbon N.V., of van der Maesenstraat 2, Heerlen.	Methionine.
102.	111606	20-4-1972	F. Hoffmann-La Roche & Co A.G., 124-184 Grenzacherstrasse, Basle, Switzerland.	1, 2, 3, 4-tetrahydro-isoquinoline 2-carboxamidines.
103.	111664	20-4-1972	Kilco Chemicals Ltd, 374 Shankill Road, Belfast 13, Northern Ireland.	Iodophar diary sanitants.
104.	111702	20-4-1972	Spezialchemie GmbH & Co., of Zachokkester 36, Munchen 12, Federal Republic of Germany.	6-Styryl-5, 6-dihydro-alpha-pyrone derivatives.
105.	111703	20-4-1972	Do.	Beta-methoxy or Beta-ethoxy acid esters.
106.	111799	20-4-1972	American Home Products Corp, 685 Third Avenue, New York 17.	2-alkylcyclopentane-1, 3-diones.
107.	111801	20-4-1972	Boehringer Ingelheim GmbH, Ingelheim am Rhein, Federal Republic of Germany.	Preparation of novel sydononimines derivatives.
108.	111820	20-4-1972	Czechoslovenska Akademie of No.3, Narodni, Praha-1, Czechoslovakia.	An anti diuretically active polypeptide.
109.	111914	11-8-1967	Dano AG, 21 Postgasse CH-8750, Glarus, Switzerland.	Aerobic fermentation of solid organic waste materials.
110.	111963	20-4-1972	American Home Products Corp, 685 Third Avenue, New York 17.	Steroid Compounds.
111.	111973	20-4-1972	Pfizer Inc; 235 East 42nd Street, New York.	6-epi-6-deoxy-5-oxytetracycline.
112.	112177	30-8-1967	Monsanto Co; 800 North Lindbergh Blvd, St. Louis, Missouri-63166.	Composition for increasing the sugar content of sugarcane.
113.	112409	20-4-1972	American Home Products Corp, 685 Third Avenue, New York 17.	Nitroalkanoates.
114.	112504	20-4-1972	Hoechst A.G. 6230 Frankfurt Main, Federal Republic of Germany.	Acylamino alkyl-benzene-sulfonyl ureas.
115.	112530	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	dimethylhayatin dimethochloride.
116.	112602	20-4-1972	Recherche Et Industrie Therapeutiques R.I.T., 13 rue du Tillend, Genval, Belgium.	Vaccine against rubella.
117.	112868	20-4-1972	Boehringer Ingelheim GmbH, Ingelheim am Rhein, Federal Republic of Germany.	2-arylamino-1, 3-diazalo alkenes(2)-.
118.	113057	20-4-1972	Roussel-Uclaf, 35 Blvd des Invalides Paris, 7eme France.	Novel des- a- gona-9, 11-dien-5-ones.
119.	113212	20-4-1972	John Wyeth & Brother Ltd; Huntercombe Lane South, Taplow, Maidenhead, Berkshire, England.	Oxazoles.
120.	113276	20-4-1972	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, S.W. 1.	New Morpholine derivatives.
121.	113305	20-4-1972	The Boots Pure Drug Co, Ltd., Station Street, Nottingham, England.	Phenylalkanoic acids.
122.	113399	20-4-1972	Imperial Chemical Industries Ltd., 1 Nicholson Street Melbourne, C2, Victoria, Australia.	Thlorolidium.
123.	113405	20-4-1972	Pure Drug Co. Ltd., Station Street, Nottingham, England.	Propionic acids.
124.	113437	10-7-1967	Snam Progetti S.P.A., C. So Venezia 16 Milano, Italy.	Melt spun composite filaments & spinning head thereof.
125.	113605	20-4-1972	Spezialchemie GmbH & Co, Munich, Federal Republic of Germany.	Kavain & substitution products of kavain

1	2	3	4	5
126.	113530	20-4-1972	Spezialchemie GmbH & Co; Munich, Federal Republic of Germany.	Hydrogenation of pyrone derivatives.
127.	113764	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Pharmaceutical grade magnesium hydroxide.
128.	114120	20-4-1972	Roussel Uclaf, 35 Blvd des Invalides, Paris 7eme, France.	Novel gona-4, 9, 11-trienes.
129.	114190	20-4-1972	The Wellcome Foundation Ltd, 182-193 Euston Rd, London, N. W. 1.	5-benzyl pyrimidine pyridyl.
130.	114356	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York.	Alpha-6 deoxytetracycline.
131.	114446	20-4-1972	The B.F. Goodrich Co, 277 Park Avenue, New York.	Biocidal composition for aquatic larva.
132.	114536	20-4-1972	John Labatt Ltd; 150 Simcoe Street, London, Ontario, Canada.	Process for producing controlled release feed additives for ruminants.
133.	114741	26-5-1966	Monsanto Co; 800 North Lindbergh Boulevard, St. Louis, Missouri 63166.	Sulfonamide compounds.
134.	114642	20-2-1968	Snam Progetti S. p. A., C so Venezia 16 Milano, Italy.	Ethylene oxide.
135.	114815	20-4-1972	Spofa, Praha, Czechoslovakia.	Anti microbally and antimicrobially effective 2-amino alkanes.
136.	114864	20-4-1972	Hoechst AG; 6230 Frankfurt Main, Federal Republic of Germany.	Basically substituted cyclo pentyl phenol ethers.
137.	114871	20-4-1972	Bayer Aktiengesellschaft, Leverkusen, Federal Republic of Germany.	4-pyrimidyl-1, 4, dihydropyridine derivatives.
138.	114872	20-4-1972	Do.	4-dihydropyridine derivatives.

RENEWAL FEES PAID

79378 79832 80079 80262 80403 80506 80629 82220 83748
 84329 84332 85717 87227 87247 91389 91408 91702 91718
 91750 91796 92186 92396 92525 93498 93604 93627 94267
 95256 96087 96444 97096 97196 97310 97322 97375 97543
 97571 97614 97734 97817 99227 99236 102465 102566 102881
 102978 103661 104772 105811 107975 108391 108805 108921
 109098 109340 109909 109940 112651 113194 113453 113614
 113615 113773 113960 113980 114141 114568 115116 118217
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 119522 119635 119799 120321 120593 120594 120854 121510
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 124342 124343 124349 124382 124421 124593 124626 124686
 124747 124868 124948 125035 125036 125037 125116 125125
 126176 126287 127104 127439 129478 129500 129553 129576
 129598 129650 129733 129851 129856 129998 130007 130116
 130316 130924 131081 131299 131664 132617 132924 133324
 133887 133888 133941 133960 133974 133975 133985 134009
 134188 134190 134212 134253 134254 134291 134409 134475
 134605 134786 134979 135202 135454 135749 135832 136154
 136330 136332 136398 136476 136735 136803 136811 136886
 136970 136993 137023 137112 137130 137236 137278 137294

137638 137661 137892 137979 138051 138055 138202 138277
 138348 138549 138612 138646 138650 138681 139037 139138.

CESSATION OF PATENTS

127062 127122 127173 127612 128146 137790.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs. Act. 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. Nos. 144271 to 144278. Rex Auto Products, 3060, Bahadurgarh Road, Delhi (an Indian Partnership Concern). "Mirror". May 15, 1976.

Class 1. No. 144279. Rex Auto Products, 3060, Bahadurgarh Road, Delhi. (An Indian Partnership Concern). "Bracket for mirror". May 15, 1976.

S. VEDARAMAN,
 Controller-General of Patents,
 Designs and Trade Marks.

